NOTE ON UNEMPLOYMENT STATISTICS

The approximate New Jersey unemployment rates cited in the text reflect anticipated annual benchmark adjustments to the N.J. Department of Labor's labor force, resident employment and unemployment estimates that will be introduced in the next issue of *Economic Indicators*. For the second half of 1981, they are about one-half of a percentage point higher than the Department's "unofficial" estimates presented in the table and chart on pp. S-6 and S-7. The exact amount of the adjustment will not be known until the revision process has been completed and new seasonal factors have been computed.

Annual benchmark adjustments are necessary to correct for statistical biases that can develop during the year because of sampling error affecting employment estimates and estimating error affecting the nonclaimant segment of the unemployed. Though imperfect as benchmarks since they too are subject to sampling error, the Department utilizes the U.S. Bureau of Labor Statistics' (BLS) annual average estimates of labor force, employment and unemployment (from its monthly household survey) as the basis for adjusting its unofficial monthly series.

The method is identical to the BLS estimating procedure that was in effect before that agency began publishing the direct results of their household survey for New Jersey and some other states on a monthly basis instead of only annually. This procedure shifts the general level of the series to correct for statistical biases but preserves the more accurate month-to-month and cyclical movements obtained through the state's estimating methods.

The BLS monthly household survey estimates are also presented in the *Economic Indicators* statistical section where they are identified as the "official" series. These estimates are based on interviews with some 1,500 households and are subject to large, erratic fluctuations because of their high degree of statistical error. N.J. Department of Labor analysts regard them as being too erratic to be useful for assessing monthly or even quarterly changes in labor market conditions. They are less unreliable when averaged over a full year, however, and therefore are used for annual benchmarking in the absence of a more precise measure.

Revisions of historical BLS monthly estimates will also be introduced in the next issue. These revisions will primarily reflect the use of new seasonal adjustment factors.

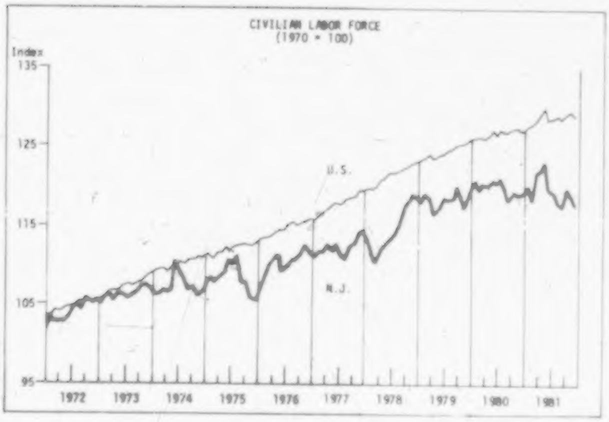
COMPARATIVE ECONOMIC INDICATORS
NEW JERSEY AND UNITED STATES
(seasonally adjusted)

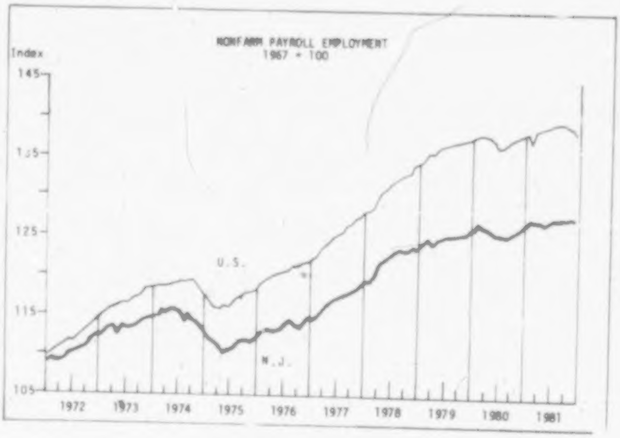
New Jersey Data			Series			Year to Date Percent Change from year ago	
Latest Month	Month ago	Year ago	Data for		Page No.	N.J.	U.S.
$ INA	$ 7583	$ 6868	Oct.	Personal income (millions)		INA	+11.6
$ 2757	$ 2768	$ 2684	Nov.	Retail Sales (millions)	S-24	+ 7.1	+ 9.9
1942	1991	1798	Nov.	New Business Incorporations (number)	S-18	+13.2	INA
INA	17	30	June	Business Failures (number)	S-18	INA	INA
28.4	46.8	50.3	Nov.	Dwelling Units Authorized (1967=100)	S-22	- 2.8	-16.6
$ 289.2	$ 289.7	$ 216.1	Dec.	Construction Contracts (millions)*	S-20	- 8.4	+ 1.2
$ 99.9	$ 76.5	$ 113.2	Dec.	Residential*	S-20	-16.3	- 5.7
$ 140.8	$ 167.4	$ 76.5	Dec.	Nonresidential*	S-20	- 3.6	+11.0
$ 48.5	$ 45.8	$ 26.3	Dec.	Nonbuilding*		-17.3	- 1.1
3095.3	3097.2	3073.3	Dec.	Nonfarm Payroll Employment (thous.)	S- 8	+ 1.1	+ 1.1
764.2	767.4	780.0	Dec.	Manufacturing (thous.)		- 1.1	- 0.2
2331.1	2329.8	2293.3	Dec.	Nonmanufacturing (thous.)		+ 1.8	+ 1.4
273	267	284	Dec.	Total Unemployment (thous.) *official*	S- 4	+ 0.8	+ 8.1
7.8	7.5	8.0	Dec.	Percent of Labor Force *official*	S- 6	--	--
136.1	128.1	127.1	Dec.	Insured Unemployment (thous.)	S-26	- 7.0	-10.1
4.6	4.4	4.4	Dec.	Percent of covered employment	S-28	--	--
INA	40.6	40.8	Dec.	Average Factory Workweek (hours)	S-12	INA	+ 0.3
$ INA	$ 8.06	$ 7.56	Dec.	Average Factory Hourly Earnings*	S-36	INA	+ 9.8
$ INA	$330.46	$312.98	Dec.	Average Factory Weekly Earnings*	S-34	INA	- 8.1

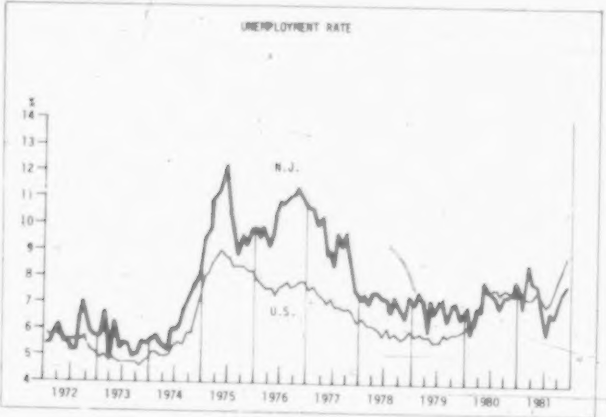
*Not seasonally adjusted
INA - Information not available

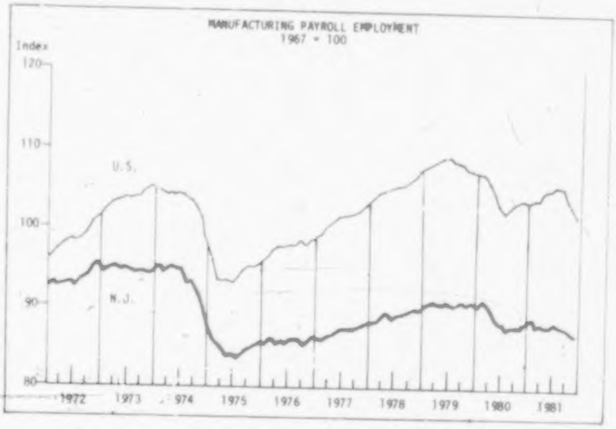
Comparisons of Economic Trends in

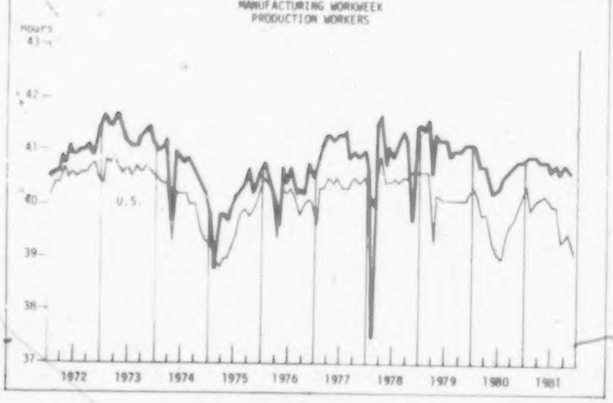
New Jersey and the United States

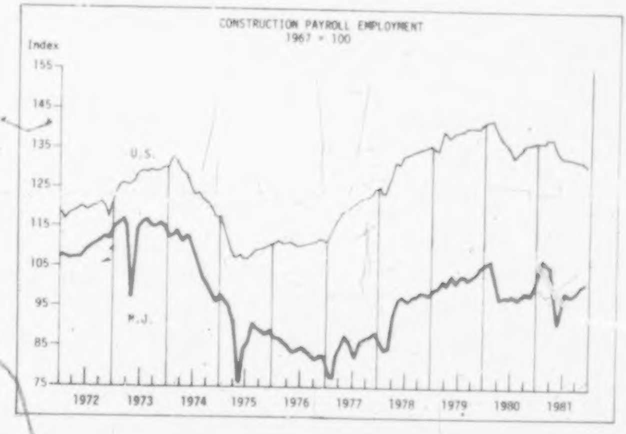




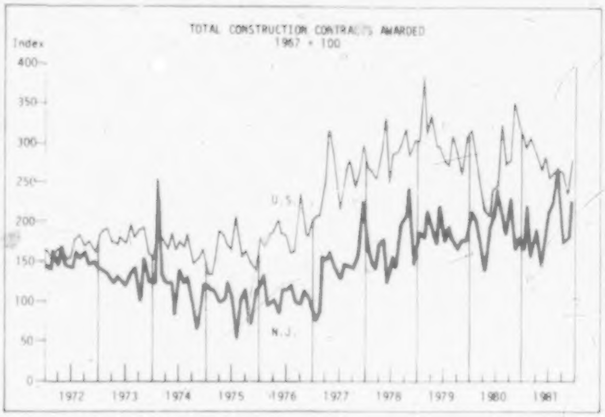


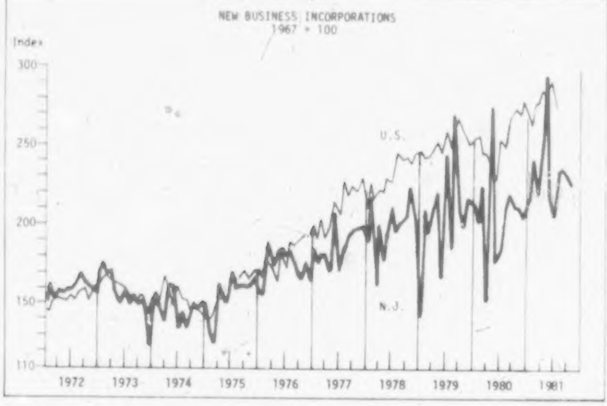


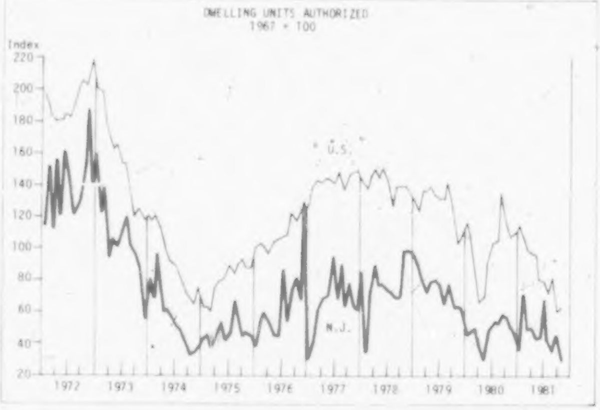


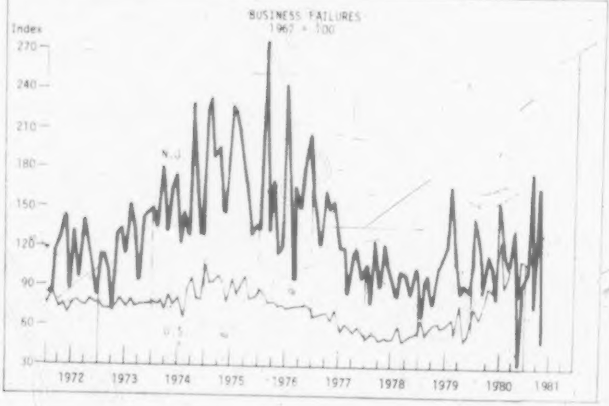


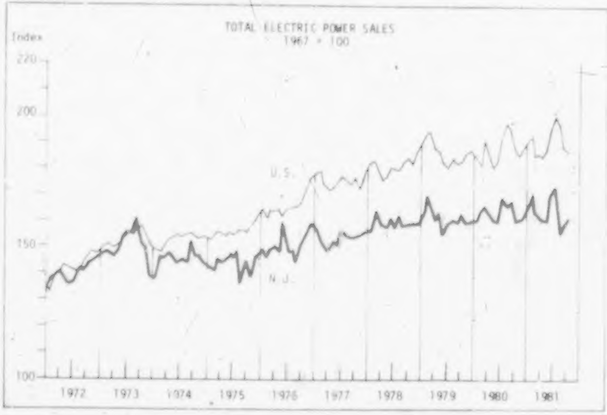
All data in the charts on these two pages have been seasonally adjusted and indexed to a 1967 base with three exceptions. The data on civilian labor force have been indexed to a 1970 base (New Jersey data from 1970 forward are not precisely comparable with earlier data), and data on the unemployment rate and manufacturing workweek are presented in actual units. The advantage of using an index is that it facilitates comparisons between the state and the nation. The data for retail sales in New Jersey have been adjusted to take account of sample revisions that caused breaks in the series.

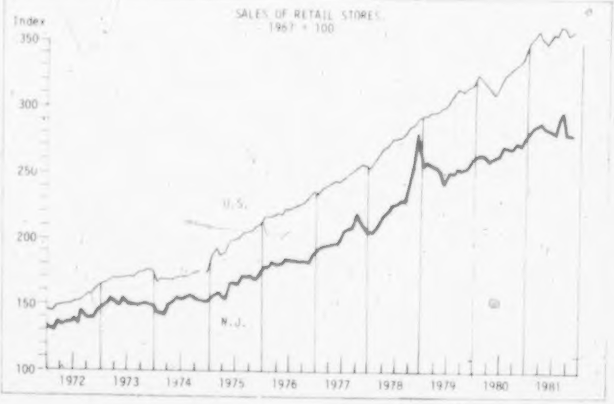












New 1980 Census Data

for

New Jersey

Connie O. Hughes

New Jersey State Data Center
Office of Demographic and Economic Analysis
Division of Planning and Research
Department of Labor

INTRODUCTION

The U.S. Bureau of the Census has recently released the first 1980 Census Summary Tape File for New Jersey (STF1A). This file contains 100% data items, i.e., tabulations of data obtained from the questions asked on every 1980 Census questionnaire. The categories for which data are currently available include:

Population Data Items	*Housing Data Items*
Household Relationship	*Number of Units at Address*
Sex	*Complete Plumbing Facilities*
Race	*Number of Rooms*
Age	*Tenure (Owner of Renter Occupancy)*
Marital Status	*Condominium Identification*
Spanish Origin	*Value of Home*
	Vacancy Status

The accompanying tables illustrate all of the tables for the State of New Jersey available on STF1A. This file also contains the same tabulations for the following geographic areas in New Jersey: county, municipality, place, census tract, block group, enumeration district, and congressional districts.

AVAILABILITY OF DATA

The New Jersey State Data Center (NJSDC) has published the new 1980 Census data for New Jersey's counties and municipalities in the format of the following pages. As can be seen from these pages the data are grouped into three classifications: characteristics of persons, characteristics of households and families, and characteristics of housing units. Each of these classifications are called profiles and a complete set of each profile has been published separately for all 21 counties and all 567 municipalities. Therefore, six volumes are available:

County Profiles - Volume I: Characteristics of Persons
County Profiles - Volume II: Characteristics of Households and Families
County Profiles - Volume III: Characteristics of Housing Units
Municipal Profiles - Volume I: Characteristics of Persons
Municipal Profiles - Volume II: Characteristics of Households and Families
Municipal Profiles - Volume III: Characteristics of Housing Units

These publications are available for review at all agencies of the NJSDC network (see below). Individual copies may be obtained by contacting: NJSDC, Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor, CN388, Trenton, NJ 08625.

Additionally, the same profiles for census tracts may be reviewed at: NJSDC (Room 200A, Department of Labor and Industry Building); NJSDC county affiliate offices (each has only its own county census tract data); the State Library; and the Newark Public Library. These same agencies will soon have the profiles for census block groups and enumeration districts.

STF1A, the computer tape which contains this data, has been distributed to Princeton University, Delaware Regional Planning Commission, Tri-State Regional Planning Commission, Middlesex County Planning Board, Somerset County Planning Board, NJ Department of Health, and NJ Department of Transportation.

THE NEW JERSEY STATE DATA CENTER

The NJSDC is a cooperative project of the State of New Jersey and the U.S. Bureau of the Census. Serving data users in the public, private, and academic sectors, the NJSDC has among its objectives the expansion of access to and use of census statistics, the provision of technical assistance and analytical support in the use of these statistics, and the provision of user training on timely, census-related topics.

The NJSDC consists of many agencies, thereby extending its services to data users throughout the state. The project coordinator is the Office of Demographic and Economic Analysis in the New Jersey Department of Labor. Primary participants are the State Library, Rutgers-The State University and Princeton University. These are four major resource centers.

Each agency of state government has a satellite office of the NJSDC which maintains basic census and agency statistics.

To provide local access to and technical assistance in the use of census data, a network of county affiliates has been established. The federal depository libraries of the state also maintain collections of census products.

In addition, Delaware Valley and Tri-State Regional Planning Commissions cooperate in the NJSDC project.

A list of the names, agencies, and phone numbers of NJSDC participants can be obtained by contacting NJSDC, Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor, CN388, Trenton, NJ 08625.

The following tables illustrate all of the tables for the State of New Jersey available on STF1A.

NEW JERSEY

1980 CENSUS OF POPULATION - CHARACTERISTICS OF PERSONS

GEOGRAPHY: STATE: 34 SMSA: COUNTY: MCD: PLACE:
TRACT: BLOCK: ED: UA: CD:

1. PERSONS BY URBAN AND RURAL RESIDENCE

TOTAL	7364823
INSIDE URBANIZED AREAS	6291600
OTHER URBAN	265777
RURAL	807446

2. FAMILIES 1931578

3. HOUSEHOLDS (1) 2548594

3A. PERSONS PER HOUSEHOLD (7) 2.84

4. PERSONS BY SEX

MALE	3533012
FEMALE	3831811

5. MEDIAN AGE OF PERSONS BY SEX

TOTAL	32.2
MALE	30.7
FEMALE	33.5

6. PERSONS BY RACE

WHITE	6127467
BLACK	925066
AMERICAN INDIAN	8176
ESKIMO	130
ALEUT	88
JAPANESE	9905
CHINESE	23369
FILIPINO	24377
KOREAN	12845
ASIAN INDIAN	29510
VIETNAMESE	2884
HAWAIIAN	632
GUAMANIAN	234
SAMOAN	92
OTHER (3)	200048

7. PERSONS BY SPANISH ORIGIN

NOT OF SPANISH ORIGIN	6872940
MEXICAN	13146
PUERTO RICAN	243540
CUBAN	80860
OTHER SPANISH	154337

8. PERSONS BY SEX BY AGE

	TOTAL	FEMALE
	********	********
UNDER 1 YEAR	97359	47421
1 AND 2 YEARS	182940	89170
3 AND 4 YEARS	182990	89352
5 YEARS	93362	45616
6 YEARS	93266	45539
7 TO 9 YEARS	321819	157686
10 TO 13 YEARS	477307	233974
14 YEARS	128534	63142
15 YEARS	135636	66570
16 YEARS	139053	68440
17 YEARS	138595	67373
18 YEARS	128908	62902
19 YEARS	128473	64227
20 YEARS	124854	63097
21 YEARS	122729	62638
22 TO 24 YEARS	367245	187238
25 TO 29 YEARS	574135	295287
30 TO 34 YEARS	563758	293484
35 TO 44 YEARS	879823	456201
45 TO 54 YEARS	826558	429188
55 TO 59 YEARS	430048	226668
60 AND 61 YEARS	155560	82631
62 TO 64 YEARS	212100	114638
65 TO 74 YEARS	530707	303664
75 TO 84 YEARS	256833	164684
85 YEARS AND OVER	72231	50981

9. PERSONS OF SPANISH ORIGIN BY RACE

TOTAL	491883
WHITE	301929
BLACK	17512
AMERICAN INDIAN, ESKIMO, ALEUT, AND ASIAN AND PACIFIC ISLANDER (4)	3868
OTHER (3)	168574

10. PERSONS BY AGE BY RACE

	UNDER 5 YEARS	5 TO 17 YEARS	18 TO 64 YEARS	65 YEARS AND OVER
	*********	*********	*********	*********
TOTAL	463289	1527572	4514191	859771
WHITE	347771	1191858	3795891	791947
BLACK	79900	251959	535181	58026
AMERICAN INDIAN, ESKIMO AND ALEUT	587	1921	5342	544
ASIAN AND PACIFIC ISLANDER (4)	11209	23831	65086	3722

11. PERSONS OF SPANISH ORIGIN BY AGE BY RACE

	UNDER 5 YEARS	5 TO 17 YEARS	18 TO 64 YEARS	65 YEARS AND OVER
	*********	*********	*********	*********
TOTAL	51428	133134	286722	20599
WHITE	29192	77007	179814	15916
BLACK	1979	4907	9935	691

12. PERSONS 15 YEARS AND OVER BY SEX BY MARITAL STATUS

	MALE	FEMALE
	********	********
SINGLE	854155	769658
MARRIED, EX SEPARATED	1619139	1612659
SEPARATED	72448	114035
WIDOWED	80679	399749
DIVORCED	100914	163810

NOTES: A. NUMBERS IN PARENTHESES ARE FOOTNOTE NUMBERS. SEE FOOTNOTE PAGE.
B. BLANK CELLS INDICATE EITHER THAT THE NUMBER IS "O" OR THE DATA ARE SUPPRESSED.

February 8, 1982

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                    1980 CENSUS OF POPULATION - CHARACTERISTICS OF HOUSEHOLDS AND FAMILIES
NEW JERSEY
   GEOGRAPHY: STATE: 34  SMSA:       COUNTY:     MCD:     PLACE:     TRACT:       BLOCK:     ED:     UA:     CD:
```

```
1. TOTAL PERSONS                    7364823
```

```
2. TOTAL FAMILIES                   1931578
```

```
3. TOTAL HOUSEHOLDS (1)             2548594
```

```
4. PERSONS 15 YEARS AND OVER BY SEX BY MARITAL STATUS
                                        MALE     FEMALE
                                   ********* *********
SINGLE                                854155    769658
NOW MARRIED, EXCEPT SEPARATED        1619139   1612659
SEPARATED                              72448    114035
WIDOWED                                80679    399749
DIVORCED                              100914    163810
```

```
6. HOUSEHOLDS BY PERSONS IN HOUSEHOLD
   AND HOUSEHOLD TYPE (7)

 1 PERSON:
  MALE HOUSEHOLDER                       203594
  FEMALE HOUSEHOLDER                     333916
 2 OR MORE PERSONS:
  MARRIED-COUPLE FAMILY                 1553090
  OTHER FAMILY:
   MALE HOUSEHOLDER, NO WIFE              73251
   FEMALE HOUSEHOLDER, NO HUSBAND        305237
  NONFAMILY HOUSEHOLD:
   MALE HOUSEHOLDER                       47368
   FEMALE HOUSEHOLDER                     32138
```

```
9. HOUSEHOLDS WITH ONE OR MORE PERSONS
   UNDER 18 YEARS BY HOUSEHOLD TYPE

MARRIED-COUPLE FAMILY                    786564
OTHER FAMILY:
 MALE HOUSEHOLDER, NO WIFE                29248
 FEMALE HOUSEHOLDER, NO HUSBAND          190448
NONFAMILY HOUSEHOLD                        5827
```

```
13. SPANISH ORIGIN HOUSEHOLDS BY
    TENURE BY RACE OF HOUSEHOLDER
                                            RENTER
                                 TOTAL    OCCUPIED
                             ********* *********
TOTAL                           142330    103534
WHITE                            89174     61278
BLACK                             5088      3894
```

```
16. OCCUPIED HOUSING UNITS WITH ONE OR
    MORE PERSONS 65 YEARS AND OVER BY
    TENURE BY AGE OF HOUSEHOLDER
                                            RENTER
                                 TOTAL    OCCUPIED
                             ********* *********
HOUSEHOLDER:
 UNDER 65 YEARS                 104752     21224
 65 YEARS AND OVER              520582    187291
```

```
7. PERSONS UNDER 18 YEARS BY HOUSEHOLD
   TYPE AND RELATIONSHIP

 IN HOUSEHOLD:
  HOUSEHOLDER OR SPOUSE                         2797
  OWN CHILD OF HOUSEHOLDER: (8)
   IN MARRIED-COUPLE FAMILY                  1476835
   IN OTHER FAMILY (MALE OR FEMALE
    HOUSEHOLDER, NO SPOUSE PRESENT)            76552
  OTHER RELATIVES (5)                         108928
  NONRELATIVES (6)                             19901
 IN GROUP QUARTERS:
  INMATE OF INSTITUTION                         3686
  OTHER                                         2162
```

```
10. HOUSEHOLDS WITH ONE OR MORE PERSONS
    60 AND 65 YEARS AND OVER BY PERSONS
    IN HOUSEHOLD AND HOUSEHOLD TYPE
                             60 YEARS  65 YEARS
                             AND OVER  AND OVER
                            ********* *********
 1 PERSON                      266786    216626
 2 OR MORE PERSONS:
  FAMILY HOUSEHOLD             562214    396607
  NONFAMILY HOUSEHOLD           15867     12101
```

```
14. OCCUPIED HOUSING UNITS BY TENURE BY
    PERSONS IN UNIT (7)
                                          RENTER
                               TOTAL    OCCUPIED
                           ********* *********
 1 PERSON                     537510    341650
 2 PERSONS                    761215    289040
 3 PERSONS                    455218    149986
 4 PERSONS                    421151    101114
 5 PERSONS                    219544     47582
 6 OR MORE PERSONS            153936     39395
 MEDIAN PERSONS IN UNIT         2.47       N/A
```

```
17. MEAN NUMBER OF PERSONS PER OCCUPIED
    HOUSING UNIT (7)                        2.84
```

```
5. PERSONS BY AGE BY HOUSEHOLD TYPE
                                         65 YEARS
                               TOTAL     AND OVER
                           ********* *********
FAMILY HOUSEHOLDS:
 HOUSEHOLDER                 1931578    294302
 SPOUSE                      1553090    170914
 OTHER RELATIVES (5)         2947732    115033
 NONRELATIVE (6)               73654      4957
NONFAMILY HOUSEHOLDS:
 MALE HOUSEHOLDER             250962     48521
 FEMALE HOUSEHOLDER           366054    177759
 NONRELATIVE (6)              105220      7704
IN GROUP QUARTERS:
 INMATE OF INSTITUTION         66128     35700
 OTHER                         70405      4881
```

```
8. RELATED CHILDREN BY AGE (8)

UNDER 5 YEARS                           458609
5 TO 17 YEARS                          1503706
```

```
11. HOUSEHOLDS WITH ONE OR MORE
    NONRELATIVES PRESENT                137960
```

```
12. OCCUPIED HOUSING UNITS BY TENURE
    BY RACE OF HOUSEHOLDER
                                          RENTER
                               TOTAL    OCCUPIED
                           ********* *********
WHITE                        2168474    722692
BLACK                         292821    187841
AMERICAN INDIAN,
 ESKIMO AND ALEUT               2807      1426
ASIAN AND PACIFIC
 ISLANDER (4)                  28474     13717
OTHER (3)                      56018     43091
```

```
15. PERSONS IN HOUSEHOLDS BY TENURE (10)

TOTAL                                  7228290
RENTER OCCUPIED                        2278167
```

```
18. OCCUPIED HOUSING UNITS BY TENURE BY
    PERSONS PER ROOM
                                          RENTER
                               TOTAL    OCCUPIED
                           ********* *********
1.00 OR LESS                 2459030    909061
1.01 TO 1.50                   68855     43289
1.51 OR MORE                   20709     16417
```

```
NOTES:  A. NUMBERS IN PARENTHESES ARE FOOTNOTE NUMBERS.  SEE FOOTNOTE PAGE.
        B. BLANK CELLS INDICATE EITHER THAT THE NUMBER IS "O" OR THE DATA ARE SUPPRESSED.
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NEW JERSEY

1980 CENSUS OF POPULATION AND HOUSING - CHARACTERISTICS OF HOUSING UNITS

GEOGRAPHY: STATE: 34 SMSA: COUNTY: MCD: PLACE: TRACT: BLOCK: ED: UA: CD:

1. TOTAL PERSONS	7364823

4. YEAR-ROUND HOUSING UNITS BY ROOMS

1 ROOM	41874
2 ROOMS	70805
3 ROOMS	323767
4 ROOMS	472536
5 ROOMS	494852
6 OR MORE ROOMS	1283920
MEDIAN ROOMS	5.4

7. OCCUPIED HOUSING UNITS BY TENURE

TOTAL	2548594
RENTER OCCUPIED	968767

8. VACANT YEAR-ROUND HOUSING UNITS BY VACANCY STATUS

FOR SALE ONLY	22964
FOR RENT	49154
HELD FOR OCCASIONAL USE	21430
OTHER VACANT (9)	45612

11. YEAR-ROUND CONDOMINIUM HOUSING UNITS BY TENURE AND VACANCY STATUS

TOTAL	50966
RENTER OCCUPIED	9631
VACANT FOR SALE ONLY	2695
OTHER VACANT (9)	5044

12. SPECIFIED OWNER-OCCUPIED AND VACANT-FOR-SALE ONLY HOUSING UNITS BY OCCUPANCY STATUS BY CONDOMINIUM STATUS(11)

	OWNER OCCUPIED	VACANT FOR SALE ONLY
	**********	**********
NONCONDOMINIUM:		
TOTAL	1270286	16027
MEAN VALUE	$ 67907	$ 68659
CONDOMINIUM:		
TOTAL	33596	2695
MEAN VALUE	$ 57611	$ 86558

14. SPECIFIED RENTER-OCCUPIED PAYING CASH RENT AND VACANT-FOR-RENT HOUSING UNITS BY OCCUPANCY STATUS

	RENTER OCCUPIED	VACANT FOR RENT
	*********	*********
TOTAL	916224	48802
MEAN CONTRACT RENT	$ 234	$ 239

2. HOUSING UNITS (INCLUDING SEASONAL AND MIGRATORY UNITS) BY URBAN AND RURAL (2)

TOTAL	2772149
INSIDE URBANIZED AREAS	2337756
RURAL	311742

5. YEAR-ROUND HOUSING UNITS BY UNITS AT ADDRESS

1	1710302
2 TO 9	637602
10 OR MORE	317124
MOBILE HOME OR TRAILER	22726

9. SPECIFIED OWNER-OCCUPIED NONCONDOMINIUM HOUSING UNITS BY VALUE (11)

LESS THAN $10,000	9395
$10,000 TO $14,999	15017
$15,000 TO $19,999	25213
$20,000 TO $24,999	36480
$25,000 TO $29,999	45170
$30,000 TO $34,999	64919
$35,000 TO $39,999	76936
$40,000 TO $49,999	177937
$50,000 TO $79,999	485932
$80,000 TO $99,999	155558
$100,000 TO $149,999	127933
$150,000 TO $199,999	31852
$200,000 OR MORE	17944
MEDIAN VALUE	$ 61400

3. YEAR-ROUND HOUSING UNITS BY OCCUPANCY STATUS (1)

TOTAL	2687754
OCCUPIED	2548594
VACANT	139160

6. AGGREGATE NUMBER OF ROOMS IN YEAR-ROUND HOUSING UNITS BY TENURE AND VACANCY STATUS (10)

TOTAL	14819513
RENTER OCCUPIED	3870098
VACANT FOR SALE ONLY	136752
VACANT FOR RENT	191185
OTHER VACANT (9)	339396

10. SPECIFIED RENTER-OCCUPIED HOUSING UNITS BY CONTRACT RENT (12)

WITH CASH RENT:	
LESS THAN $50	9361
$50 TO $99	55866
$100 TO $119	32275
$120 TO $139	39682
$140 TO $149	19998
$150 TO $159	39601
$160 TO $169	32082
$170 TO $199	111556
$200 TO $249	212659
$250 TO $299	174750
$300 TO $399	138530
$400 TO $499	29974
$500 OR MORE	19890
MEDIAN CONTRACT RENT	$ 228
NO CASH RENT	30110

13. YEAR-ROUND HOUSING UNITS BY TENURE AND OCCUPANCY STATUS BY PLUMBING FACILITIES

	TOTAL	TOTAL OCCUPIED	RENTER OCCUPIED
	*********	*********	*********
COMPLETE PLUMBING FOR EXCLUSIVE USE	2642381	2508992	939831
LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE	45373	39602	28936

15. OCCUPIED HOUSING UNITS WITH 1.01 OR MORE PERSONS PER ROOM BY TENURE, PERSONS, AND PLUMBING FACILITIES(13)

	TOTAL	RENTER OCCUPIED
	*********	*********
UNITS LACKING COMPLETE PLUMBING FOR EXCLUSIVE USE	4247	3426
PERSONS IN UNITS	522884	322625
WITH COMPLETE PLUMBING	501033	N/A
LACKING COMPLETE PLUMBING	21851	N/A

16. PERSONS IN OCCUPIED HOUSING UNITS LACKING COMPLETE PLUMBING FACILITIES FOR EXCLUSIVE USE (13)	98849

17. VACANT UNITS

YEAR-ROUND WHICH ARE BOARDED UP	12747
FOR RENT, WHICH HAVE BEEN VACANT FOR 2 OR MORE MONTHS	27945
FOR SALE ONLY WHICH HAVE BEEN VACANT FOR 6 OR MORE MONTHS	7876

NOTES: A. NUMBERS IN PARENTHESES ARE FOOTNOTE NUMBERS. SEE FOOTNOTE PAGE.
B. BLANK CELLS INDICATE THAT THE NUMBER IS "O" OR THE DATA ARE SUPPRESSED.

1980 CENSUS
PROFILE FOOTNOTES

1 The count of households in the complete count tabulations by definition equals the number of occupied housing units. In this document, the terms households and occupied housing units are used interchangeably.

2 Vacant seasonal/migratory units are excluded from all other tabulation matrices.

3 For data tabulated on a 100-percent basis, includes all persons in the category "Other." For sample data, excludes those persons who have a write-in entry of an Asian & Pacific Islander group in the "Other" category.

4 "Asian and Pacific Islander," in the 100-percent tabulations, includes: "Japanese," "Chinese," "Filipino," "Korean," "Asian Indian," "Vietnamese," "Hawaiian," "Guamanian," and "Samoan." "Asian and Pacific Islander," in sample tabulations, includes the groups listed above and those persons who have a write-in entry of an Asian or Pacific Islander group in the "Other" category.

5 Relatives include: householder, spouse, and the questionnaire categories: "Son/daughter," "Brother/sister," "Father/mother," and "Other relative." Tabulations of "Other relatives" include all categories not shown separately in the matrix.

6 Nonrelatives include the questionnaire categories "Roomer, boarder," "Partner, roommate," "Paid employee," and "Other nonrelative." Tabulations of "Nonrelatives" include all categories not shown separately in the matrix.

7 Tabulations of "Persons in household" based on 100-percent data by definition are the same as tabulations of "Persons in unit." The phrase "Persons in household" is used unless the matrix is stratified by a housing item such as tenure, plumbing facilities, etc., in which case, the phrase "Persons in unit" is used. Tabulations of "Persons in unit" based on sample data are not necessarily the same due to differences in the procedures used to inflate sample population and housing data.

8 A "Child of householder" includes any son, daughter, stepchild, or adopted child of the householder. An "Own child of householder" is a never-married child under 18 years of age who is a son, daughter, stepchild, or adopted child of the householder. "Related children" include not only own children but also all other family members, regardless of marital status, who are under 18 years old, except the householder or spouse. Foster children are included in the "Nonrelative" category.

9 Vacant housing units include the questionnaire categories: "For rent," "For sale only," "Rented or sold, not occupied," "Held for occasional use," and "Other vacant." Tabulations of "Other vacant" include all categories not shown separately in the matrix.

10 This aggregate, along with the relevant count will permit the computation of a mean. For example, the aggregate value for the owner-occupied noncondominium units will yield the mean or average value when divided by the number of specified owner-occupied noncondominium units, and the aggregate number of rooms for occupied and vacant year-round units yields the mean or average number of rooms. (See footnote 14 prior to computing mean value.)

11 The noncondominium value distribution is restricted to certain kinds of "owner-occupied" or "vacant for sale only" units. The following are excluded from the tabulations on value for noncondominium units:
   A. Units at an address with two or more units
   B. Units on 10 or more acres
   C. Units with a commercial establishment or medical office on the property
   D. Mobile homes or trailers

Value is tabulated for all owner-occupied and vacant-for-sale condominium units.

12 Contract rent is tabulated for all "renter-occupied" and "vacant-for-rent" units except 1-family houses on a property of 10 or more acres. Units tabulated in the "No cash rent" category are all occupied housing units reported as "No cash rent" except one-family houses on 10 or more acres.

13 Lacking complete plumbing (facilities) for exclusive use includes: Complete plumbing (facilities) but also used by another household, some but not all plumbing facilities, or no plumbing facilities.

14 Multiply the aggregate value by $250 to obtain the true value. The tabulation was scaled by a factor of $250 for tally purposes.

BUREAU OF LABOR STATISTICS ANNOUNCES PLANS TO REVISE HOMEOWNERSHIP COMPONENT OF CONSUMER PRICE INDEX

John T. Drdak
Office of Planning and Management

When, on October 27, 1981, Commissioner of Labor Statistics, Janet L. Norwood, announced plans to change the procedures used to compile the homeownership component of the Consumer Price Index (CPI) it probably evoked little more than passing interest among most Americans.

Important changes have occurred in financial markets in recent years. The present CPI methodology has ignored these changes and is producing data which is becoming increasingly unrepresentative of true shelter costs.

In the December 1981 issue of the Statistical Reporter,[1] Robert Gillingham and Walter Lane of the Bureau of Labor statistics analyzed the flaws in the present methodology and discussed how the proposed changes will enhance the reliability of the CPI.

Currently the housing component is based on house prices, mortgage interest rates, property taxes, and insurance and maintenance costs. The house prices used in the CPI are obtained from the Federal Housing Administration (FHA) and pertain to sales financed with FHA mortgages. During the past several years, the funds available for long-term mortgage commitments have declined sharply.

Several new types of mortgage instruments involving variable rates, shorter financing terms, and other special arrangements have developed. Owners are also facilitating sales to buyers by providing financing to buyers at below bank rates. These non-standard financing arrangements are not reflected at all in the CPI. Consequently, the current data base is becoming less representative of the total housing market and falls far short of the ideal. In some geographic areas, especially the northeast, the number of FHA transactions is very small. Further, the FHA mortgage ceiling virtually eliminates the higher priced houses from consideration.

The present CPI reflects the cost of the purchase of a house as an asset. The index includes the net price of the house purchased, the total amount of mortgage interest contracted for over half the life of the mortgage, property taxes, insurance, and house maintenance and repairs. Currently, the CPI represents the expenditures of only those who purchased houses in the base period. All other consumers living in their own homes are assumed to have no home purchase and mortgage interest cost at all. Thus, the majority of home owners are not considered at all in the index.

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[1] Gillingham, R. and Lane, W. "Changing the Treatment of Shelter Costs for Homeowners in the Consumer Price Index", Statistical Reporter, December 1981, pp. 62-69.

Under the new methodology, a measure of rental equivalence will be used to represent the cost of the shelter consumed by the homeowner. Data will be compiled for rents for housing units that are similar to those that are owned. The change in these rents will represent the change in the amount that a homeowner would have to pay each month to live in a house like the one he owns.

A comparison of the current and proposed method of measuring the homeownership component is shown below. This comparison was presented in the CPI DETAILED REPORT, NOVEMBER 1981.

One of the provisions of the Economic Recovery Tax Act of 1981 requires use of the CPI for all Urban Consumers (CPI-U) for escalation of income tax brackets and the personal exemption amount. This new use of the index will have a broad effect on Federal Government revenues and on individual taxpayers.

The conceptual change in the treatment of shelter costs, which focuses on the consumption of shelter services, is an effort to more accurately reflect the consumption cost experience of consumers. It is interesting to note that the United States is the only country in the world which includes the asset value of a house in the CPI.

Bureau of Labor Statistics current schedules call for the first publication of CPI-U with rental equivalence homeownership in February 1983 with data for January 1983.

A longer notice is being given for the CPI-W. This index has been used in a large number of major collective bargaining agreements as a basis for (COLA) Cost of Living Adjustments. Consequently, the first publication of CPI-W with rental equivalence homeownership is scheduled for February 1985 with data for January 1985.

For further information, please contact Patrick Jackman, BLS Washington Office, at (202) 272-5160.

COMPARISON OF HOMEOWNERSHIP MEASURES

	current treatment	*rental equivalence*
1. Concept:	Purchase of asset	Purchase of shelter
2. Families covered:	For house price and mortgage interest, only those families who in base period purchased house	All families who lived in owned homes during base period; covers the entire stock of owned homes
3. Method of weight derivation:	a. For property taxes, property insurance, home maintenance and repairs: Expenditures of all homeowners in base period b. For house price: - Net expenditures (purchases minus sales) for houses during base period c. For mortgage interest: Total amount of interest expected to be paid over half the stated life of the mortgage only for those who purchased house in base period.	Estimate of rental value of all owner-occupied houses in base period; based on specific question asked in Consumer Expenditure Survey
4. Prices used:	Current monthly prices for each element, including current price of house and current mortgage interest rate (conventional, Federal Housing Administration, and Veterans Administration)	Current rent paid for homes like those that are owned

STATISTICAL SECTION

SERIES	SOURCES
1-16	NJ Department of Labor Division of Planning and Research
17	US Bureau of Labor Statistics
18-21	NJ Department of Labor Division of Planning and Research
22-23	Dun & Bradstreet, Inc.
24	New Jersey Bell Telephone Company
25-27	McGraw-Hill Information Systems Company, F.W. Dodge Division
28-30	NJ Department of Labor Division of Planning and Research
31-32	US Bureau of the Census
33	NJ Division of Motor Vehicles
34-42	NJ Department of Labor Division of Planning and Research

SEASONAL ADJUSTMENT OF DATA

All charts, except charts I thru VI and where otherwise noted, contain data seasonally adjusted by the X-11 variant of the U.S. Census Bureau program; multiplicative methods have been used for all series except Series 24 which is adjusted by the additive method.

Data for 1975 and subsequent years in charts I thru VI have been seasonally adjusted using the ARIMA (Auto-Regressive Integrated Moving Average) method of seasonal adjustment developed by Statistics Canada.

TABLE NOTES

Preliminary and revised data are indicated by a "p" or "r" after the entry.

CHART NOTES

Unless otherwise noted, all graphs were developed with seasonally adjusted data. Some series were plotted with the following variations noted on the graph itself:

Moving Averages. Series where the monthly data vary erratically have been plotted with moving averages and with nonaveraged data superimposed for the most recent years.

Ratio Scales. Where ratio scales were used to show constant rates of change as straight lines, this has been noted; otherwise, the graph is on an arithmetic scale.

Inverted Scales. For series where declines are associated with economic expansion (such as unemployment and business failures) an inverted scale has been used and noted.

Since the scale of each series is determined by the volume and trend of the data time series, a graph may not be comparable to other graphs on the same or other pages of the report.

MONTHLY AVERAGES

Boxed on each graph are the monthly averages of the series data for recent years to be used as a benchmark for evaluating current monthly data.

SHADED AREAS

Periods identified by the National Bureau of Economic Research (NBER) as ones of general national contraction have been shaded. They include the periods December 1969-November 1970 November 1973-March 1975, and January 1980-July 1980.

SERIES NOTES

1-6 The RESIDENT LABOR FORCE INDICATORS are estimated by two different methodologies. The *official series* is based on the U.S. Bureau of Labor Statistics monthly survey of some 1,780 New Jersey households. The *unofficial series* is based on a combination of unemployment insurance claims, employer survey data, estimating formulas, and household survey benchmarks, which produce data more reliable as economic indicators.

Monthly average (annual average) data for 1970-1973 differ slightly from estimates published by the U.S. Bureau of Labor Statistics (BLS). The series published in this report were developed by BLS using 1970 census weights and population extrapolations in the estimating procedure and are consistent with data from 1974 forward. Data published by BLS reflect weights and population estimates extrapolated from the 1960 census and are not precisely comparable with data from 1974 forward.

Official series data for 1980 have been revised due to a one-year addition of 150 sampling units to the monthly household panel in New Jersey which is part of the national Current Population Survey (CPS). In 1981, the sample size was reduced to the pre-1980 level of about 1,780 households.

Unofficial series data have been adjusted to a 1980 benchmark.

Estimates for all years have been revised based on updated seasonal adjustment factors incorporating the experience of 1980.

The LABOR FORCE PARTICIPATION RATE and the EMPLOYMENT/POPULATION RATIO (Series 4 and 5) are expressed as percentages of the civilian noninstitutional population aged 16 years and over.

7-12 The ESTABLISHMENT EMPLOYMENT INDICATORS are generated from a monthly survey of employers on the number of persons who worked or received pay for any part of the pay period including the 12th of the month. The series are adjusted to March 1980 benchmarks and reflect the 1972 SIC (Standard Industrial Classification Manual) changes.

PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (Series 8) is computed by subtracting government employment from total nonfarm payroll employment.

SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (Series 12) includes the industries of trade, services, finance/insurance/real estate, and transportation/communications/public utilities.

13 MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS is developed from a monthly survey of employers on the number of nonsupervisory employees in the manufacturing sector who worked during or received pay for any part of the pay period including the 12th of the month. The series are adjusted to 1980 benchmarks and reflect the 1972 SIC changes.

14 MANUFACTURING WORKWEEK - PRODUCTION WORKERS is derived from a monthly survey of employment and earnings. The workweek is estimated by dividing AGGREGATE MANUFACTURING WEEKLY MANHOURS by MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS. There was a substantial drop in the workweek in February 1978 due to a snowstorm.

15 AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS are estimated from a monthly survey of the manhours worked by manufacturing production workers.

16 WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors. Data are not seasonally adjusted.

17 The CONSUMER PRICE INDEX (CPI) measures the change in prices of a fixed market basket of goods and services purchased by urban workers. The index represents price changes for everything people buy for living -- food, clothing, automobiles, homes, furnishings, fuel, drugs; fees to doctors, lawyers, and beauty shops; and rent, repair costs, transportation fares, public utility rates, etc. All taxes (sales, excise, real estate, etc.) directly associated with the purchase and continued ownership of an item are included in the price. Income and other personal taxes not associated with prices of specific goods are excluded.

The data series reproduced in the report are the *Urban Wage Earners and Clerical Workers* series (CPI-W).

The U.S. CPI is the *U.S. City Average*.

The N.Y. CPI is for the *New York, N.Y.-Northeastern New Jersey* area which includes in New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union counties; and in New York: New York City, Nassau, Rockland, Suffolk, and Westchester counties.

The Phila. CPI is for the *Philadelphia, Pa.-New Jersey* area which includes in New Jersey: Burlington, Camden, and Gloucester counties; and in Pennsylvania Bucks, Chester, Delaware, Montgomery, and Philadelphia counties.

Questions on the use of the CPI should be addressed to the U.S. Bureau of Labor Statistics offices in New York City (212) 944-3121 or in Philadelphia (215) 596-1154.

THERE IS NO NEW JERSEY CONSUMER PRICE INDEX NOR COST OF-LIVING INDEX.

18 NET SPENDABLE EARNINGS are calculated by adjusting gross average weekly earnings for the effects of state and federal taxes and inflation. Federal tax adjustments are made according to a U.S. Bureau of Labor Statistics formula, state tax adjustments are made by the Department of Labor and Industry, and inflation adjustments are based on the average *Consumer Price Index for Urban Wage Earners and Clerical Workers* in the New York-Northeastern New Jersey and the Philadelphia-New Jersey areas. The data are not seasonally adjusted.

19-21 The LABOR TURNOVER INDICATORS are collected by a survey of employers counting the number of accessions, separations, and quits that occurred during the entire month. The series reflect the 1972 SIC changes.

24 The NET GAIN IN BUSINESS TELEPHONES reflects the transactions of the New Jersey Bell Telephone Company only and does not include the transactions of other private companies operating in New Jersey.

25-27 The CONSTRUCTION CONTRACTS INDICATORS are proprietary data provided by special permission of the F.W. Dodge Division, McGraw-Hill Information Systems Company.

The cumulative data presented in the table on page 3 are not the sum of the data contained in series 25, 26, and 27. The cumulative data contain retroactive revisions not attributed to a specific month. Due to an atypically large revision, retroactive to June 1980, the 1981 year-to-year cumulative comparisons of residential construction contracts show a decline not reflected in Series

25 and 26. These unadjusted data are published as received from F.W. Dodge.

TOTAL CONSTRUCTION CONTRACTS AWARDED (Series 25) is not the sum of the published components; it also includes heavy engineering contracts. Series 22 was seasonally adjusted independently and is not the sum of the seasonally adjusted components. For this reason, in some months, the published components may add up to more than the total contracts data (Series 25).

Series 25 was affected by a $2 billion contract for nuclear generating facilities in April 1977 and a $900 million contract for an electric power and heating system in February 1978. To avoid distortions these awards were omitted from the computations to determine seasonally adjusted figures but were returned to the total after the remaining data were seasonally adjusted. They were also omitted from the monthly average components.

28-30 The RESIDENTIAL BUILDING PERMITS INDICATORS are compiled as of the fifth day of the second following month and are not revised as subsequent reports are received. Since the reports from all New Jersey municipalities are never received by the cutoff data, preliminary figures are used for both the current and the historical series in order to ensure comparability. Final monthly data incorporating late reports appear in the annual summaries of *New Jersey Residential Building Permits*, published by the Division of Planning and Research.

DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (Series 28) data were seasonally adjusted independently and are not the sum of the seasonally adjusted components. Series 28 is not the sum of the published components For this reason, in some months, the published components may add up to more than the total units (Series 28) data.

DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (Series 30) include all multifamily structures with five or more units, except those in public housing.

31-32 The figures prior to 1970 for SALES OF RETAIL STORES were adjusted by the Department of Labor and Industry to account for sample revisions introduced in 1968 by the U.S. Census Bureau.

SALES OF RETAIL STORES IN 1967 DOLLARS (Series 31) has been deflated by the "Commodities only" component of the average New York-Northeastern New Jersey and Philadelphia-New Jersey *Consumer Price Index for All Urban Consumers*.

34-35 These two series were affected by a change in reporting procedures during 1980; in that year, all Comprehensive Employment and Training Act (CETA) summer youth program openings and placements were recorded prior to September 30. In previous years, these openings and placements were distributed in the September, October, and November totals.

NONFARM JOB OPENINGS RECEIVED (Series 34), as reported by the Employment Service Automated Reporting System, were overestimated by about 10% from June 1975 to February 1976. These data relate to openings received by the New Jersey Employment Service only.

36 WEEKS CLAIMED - WEEKLY AVERAGE is computed by dividing the total number of weeks claimed (interstate and intrastate under Regular UI program only) in the month by the number of weeks in the month.

37 The INSURED UNEMPLOYMENT RATE (IUR) is a weekly average of claimants (interstate and intrastate agent claims under the regular state program only) as a percent of the estimated covered employment.

The current INSURED UNEMPLOYMENT RATE data may not be comparable with earlier data. Beginning with the IUR statistics for the fourth quarter of 1978, the covered employment denominator was inflated by an extension of coverage to approximately 480,000 additional workers which has produced an artificial "deflation" of the IUR statistics. The expanded coverage was phased into the calculations of the official IUR formula in four approximately equal steps effective in October 1978 and in January, April, and July 1979.

38 The INITIAL CLAIMS WEEKLY AVERAGE represents interstate and intrastate agent claims under the regular state program only.

39 The UNEMPLOYMENT INSURANCE EXHAUSTIONS are from the state program only.

40-42 The industry INSURED UNEMPLOYMENT data are derived from a three percent sample of all claimants under the regular state unemployment insurance program. The data reflect the number of insured unemployed during the week containing the 12th of the month, although the data are a count of the claims filed during the week containing the 19th of the month.

INSURED UNEMPLOYMENT IN SERVICE PRODUCING INDUSTRIES (Series 42) includes the industries of transportation/communications/public utilities, trade, finance/insurance/real estate, and services.

TABLE I RESIDENT LABOR FORCE INDICATORS - I

1. CIVILIAN LABOR FORCE (000) Seasonally Adjusted Data

Date	1978		1979		1980		1981	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	3,381	3,364	3,527	3,503	3,607	3,592	3,583	3,614
Feb	3,335	3,361	3,554	3,510	3,572	3,594	3,531	3,608
Mar	3,302	3,366	3,545	3,522	3,598	3,593	3,636	3,597
Apr	3,353	3,416	3,489	3,516	3,587	3,589	3,639	3,605
May	3,373	3,413	3,510	3,524	3,608	3,584	3,674	3,568
Jun	3,381	3,429	3,545	3,530	3,604	3,573	3,573	3,579
Jul	3,402	3,442	3,535	3,538	3,611	3,575	3,556	3,586
Aug	3,437	3,450	3,541	3,542	3,577	3,572	3,520	3,585
Sep	3,511	3,449	3,582	3,553	3,534	3,575	3,497	3,595
Oct	3,525	3,456	3,548	3,569	3,569	3,574	3,566	3,597
Nov	3,551	3,462	3,506	3,562	3,554	3,582	3,550	3,605r
Dec	3,547	3,473	3,570	3,575	3,560	3,579	3,505	3,599p

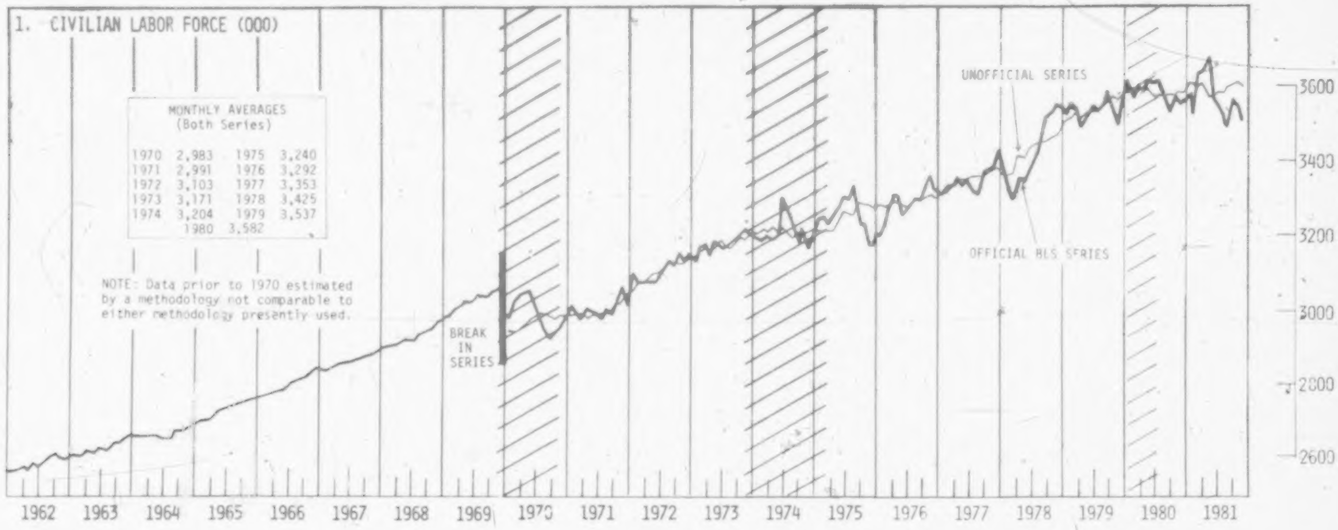
2. RESIDENT EMPLOYMENT (000) Seasonally Adjusted Data

Date	1978		1979		1980		1981	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	3,137	3,102	3,281	3,254	3,354	3,346	3,316	3,355
Feb	3,087	3,105	3,287	3,262	3,363	3,347	3,288	3,356
Mar	3,072	3,120	3,291	3,272	3,350	3,339	3,324	3,349
Apr	3,102	3,174	3,278	3,269	3,343	3,332	3,351	3,361
May	3,120	3,175	3,258	3,284	3,321	3,317	3,388	3,333
Jun	3,134	3,182	3,307	3,292	3,330	3,306	3,322	3,345
Jul	3,157	3,195	3,281	3,295	3,349	3,304	3,342	3,348
Aug	3,203	3,204	3,283	3,299	3,327	3,304	3,282	3,345
Sep	3,256	3,209	3,353	3,307	3,275	3,314	3,265	3,357
Oct	3,281	3,215	3,299	3,316	3,310	3,324	3,312	3,364
Nov	3,315	3,231	3,257	3,322	3,284	3,324	3,283	3,363
Dec	3,283	3,226	3,339	3,331	3,276	3,329	3,232	3,350p

3. UNEMPLOYMENT (000) Seasonally Adjusted Data

Date	1978		1979		1980		1981	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	244	263	246	249	253	246	267	259
Feb	248	256	267	248	209	247	243	252
Mar	230	245	254	249	248	254	312	248
Apr	251	242	211	247	244	257	288	244
May	253	239	252	240	287	267	286	234
Jun	247	247	238	238	274	268	251	234
Jul	245	247	254	243	262	271	214	238
Aug	234	246	258	243	250	269	238	240
Sep	255	241	229	246	259	261	232	238
Oct	244	241	249	252	259	251	254	233
Nov	236	231	249	240	270	257	267	242r
Dec	264	246	231	244	284	250	273	249p

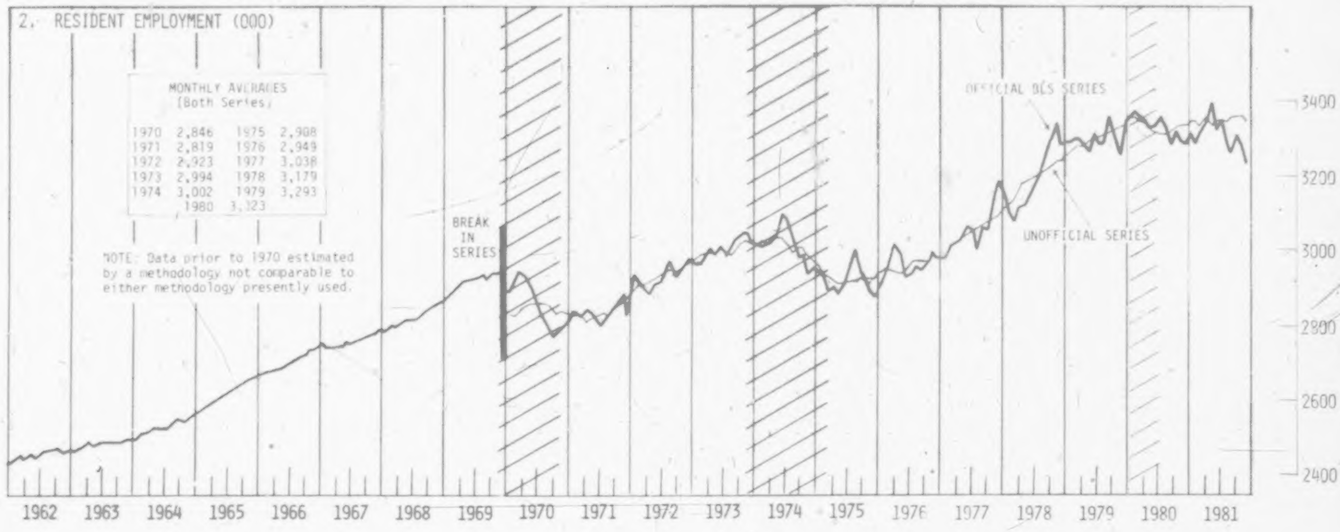
CHART I RESIDENT LABOR FORCE INDICATORS — I



MONTHLY AVERAGES
(Both Series)

1970	2,983	1975	3,240
1971	2,991	1976	3,292
1972	3,103	1977	3,353
1973	3,171	1978	3,425
1974	3,204	1979	3,537
	1980	3,582	

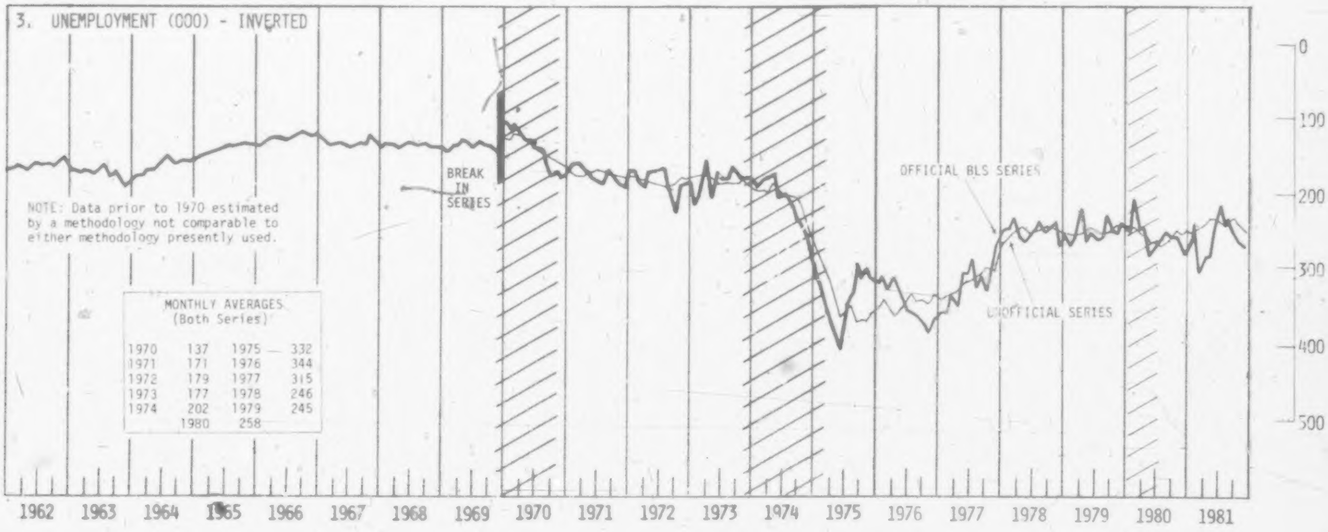
NOTE: Data prior to 1970 estimated by a methodology not comparable to either methodology presently used.



MONTHLY AVERAGES
(Both Series)

1970	2,846	1975	2,908
1971	2,819	1976	2,949
1972	2,923	1977	3,038
1973	2,994	1978	3,179
1974	3,002	1979	3,293
	1980	3,323	

NOTE: Data prior to 1970 estimated by a methodology not comparable to either methodology presently used.



NOTE: Data prior to 1970 estimated by a methodology not comparable to either methodology presently used.

MONTHLY AVERAGES
(Both Series)

1970	137	1975	332
1971	171	1976	344
1972	179	1977	315
1973	177	1978	246
1974	202	1979	245
	1980	258	

TABLE II RESIDENT LABOR FORCE INDICATORS - II

4. LABOR FORCE PARTICIPATION RATE (%) Seasonally Adjusted Data

Date	1978		1979		1980		1981	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	62.4	62.1	64.4	63.9	65.2	64.9	64.1	64.6
Feb	61.5	62.0	64.8	64.0	64.5	64.9	63.1	64.5
Mar	60.8	62.0	64.6	64.2	64.9	64.8	65.0	64.3
Apr	61.7	62.9	63.5	64.0	64.6	64.7	65.0	64.4
May	62.0	62.7	63.8	64.1	65.0	64.5	65.5	63.6
Jun	62.1	63.0	64.4	64.2	64.8	64.3	63.7	63.8
Jul	62.4	63.2	64.2	64.2	64.9	64.2	63.3	63.9
Aug	63.0	63.3	64.3	64.3	64.2	64.1	62.7	63.8
Sep	64.3	63.2	64.9	64.4	63.4	64.1	62.2	64.0
Oct	64.5	63.3	64.3	64.6	64.0	64.1	63.4	63.9
Nov	64.9	63.3	63.4	64.5	63.6	64.1	63.0	64.0
Dec	64.8	63.4	64.5	64.6	63.7	64.0	62.2	63.9p

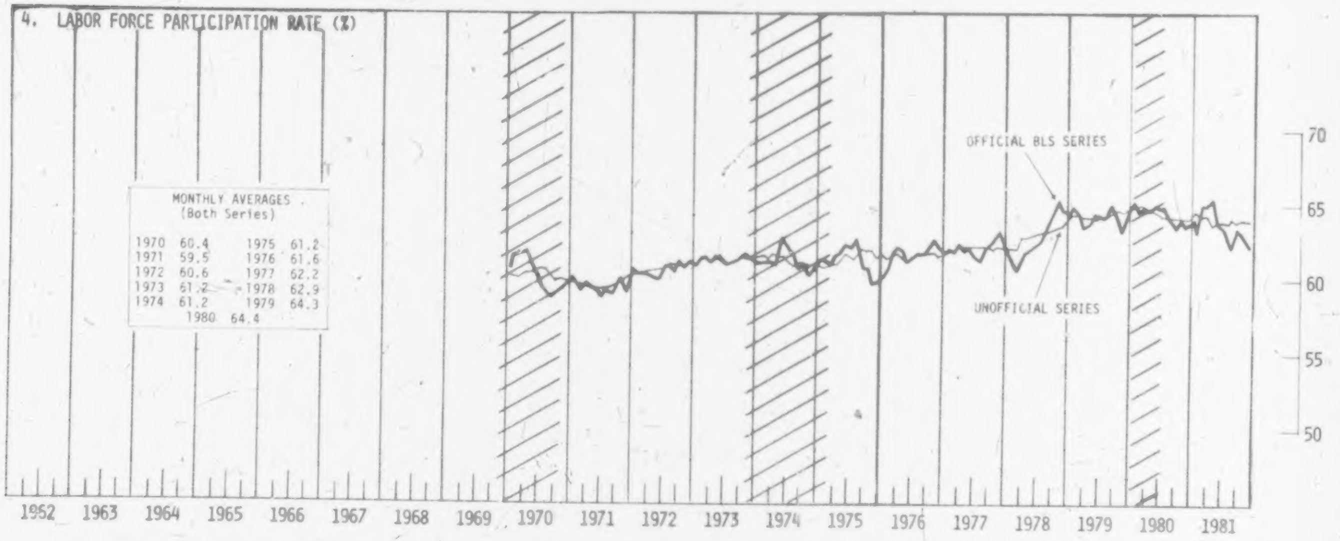
5. EMPLOYMENT/POPULATION RATIO (%) Seasonally Adjusted Data

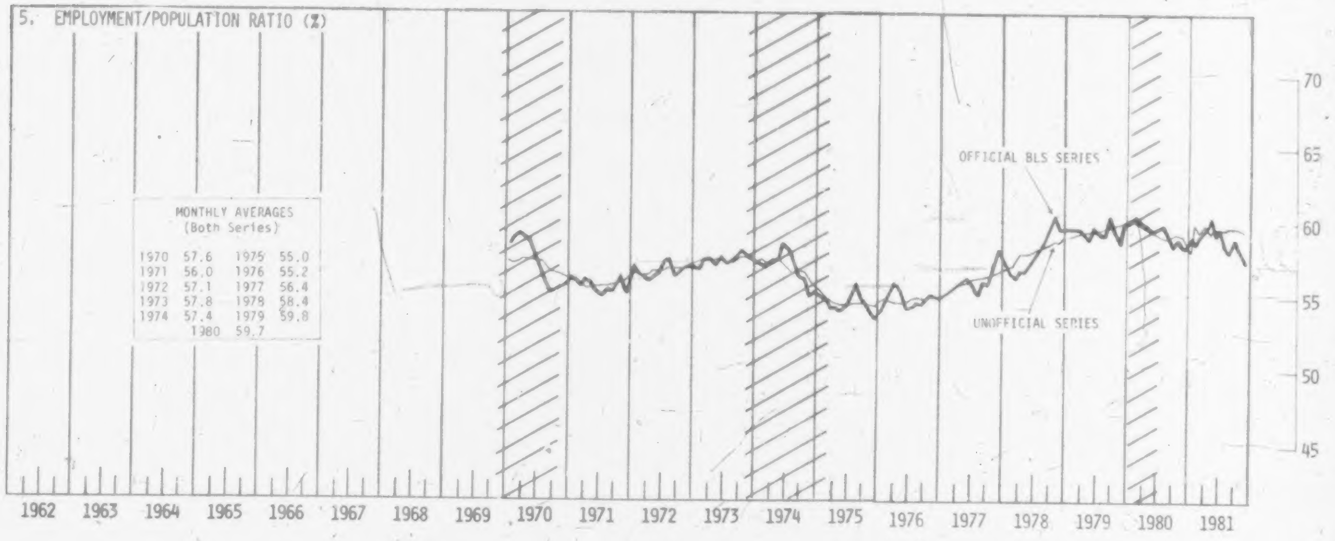
Date	1978		1979		1980		1981	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	57.9	57.2	59.9	59.4	60.6	60.4	59.3	60.0
Feb	56.9	57.2	59.9	59.5	60.7	60.4	58.8	60.0
Mar	56.6	57.5	60.0	59.6	60.4	60.2	59.4	59.8
Apr	57.1	58.4	59.7	59.5	60.2	60.0	59.8	60.0
May	57.4	58.4	59.3	59.7	59.8	59.7	60.4	59.5
Jun	57.6	58.4	60.1	59.8	59.9	59.5	59.2	59.6
Jul	57.9	58.6	59.6	59.8	60.2	59.4	59.5	59.6
Aug	58.7	58.7	59.6	59.9	59.7	59.3	58.4	59.5
Sep	59.6	58.8	60.8	60.0	58.8	59.5	58.1	59.7
Oct	60.0	58.8	59.8	60.1	59.3	59.6	58.9	59.8
Nov	60.6	59.1	58.9	60.1	58.8	59.5	58.3	59.7
Dec	60.0	58.9	60.4	60.2	58.6	59.6	57.4	59.5p

6. UNEMPLOYMENT RATE (%) Seasonally Adjusted Data

Date	1978		1979		1980		1981	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	7.2	7.8	7.0	7.1	7.0	6.9	7.5	7.2
Feb	7.4	7.6	7.5	7.1	5.9	6.9	6.9	7.0
Mar	7.0	7.3	7.2	7.1	6.9	7.1	8.6	6.9
Apr	7.5	7.1	6.0	7.0	6.8	7.2	7.9	6.8
May	7.5	7.0	7.2	6.8	8.0	7.5	7.8	6.6
Jun	7.3	7.2	6.7	6.7	7.6	7.5	7.0	6.5
Jul	7.2	7.2	7.2	6.9	7.3	7.6	6.0	6.6
Aug	6.8	7.1	7.3	6.9	7.0	7.5	6.8	6.7
Sep	7.3	7.0	6.4	6.9	7.3	7.3	6.6	6.6
Oct	6.9	7.0	7.0	7.1	7.3	7.0	7.1	6.5
Nov	6.6	6.7	7.1	6.7	7.6	7.2	7.5	6.7
Dec	7.4	7.1	6.5	6.8	8.0	7.0	7.8	6.9p

CHART II RESIDENT LABOR FORCE INDICATORS – II





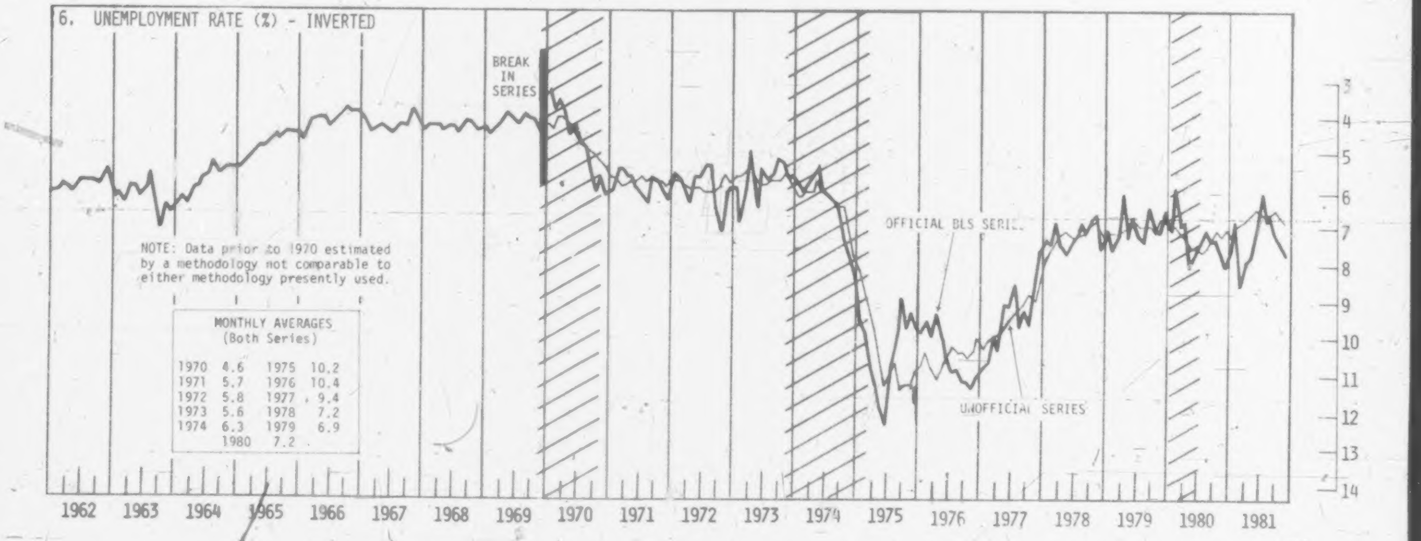


TABLE III ESTABLISHMENT EMPLOYMENT INDICATORS - I

7. NONFARM PAYROLL EMPLOYMENT (000)

Date	1978 Unadj.	1978 Adj.	1979 Unadj.	1979 Adj.	1980 Unadj.	1980 Adj.	1981 Unadj.	1981 Adj.
Jan	2829.1	2893.1	2940.6	3005.3	2991.3	3056.5	3016.1	3082.2
Feb	2827.5	2896.7	2940.0	3016.4	2995.4	3073.9	3015.1	3094.4
Mar	2867.1	2910.9	2976.5	3025.4	3022.1	3070.9	3039.0	3089.5
Apr	2933.3	2950.8	2992.4	3010.2	3041.8	3059.2	3070.8	3088.9
May	2966.9	2960.9	3029.4	3022.4	3059.4	3052.1	3078.4	3071.1
Jun	3027.8	2968.8	3084.5	3024.1	3103.1	3042.5	3140.7	3079.4
Jul	3029.7	2983.3	3077.8	3030.2	3085.8	3037.8	3138.0	3088.3
Aug	3040.7	2994.4	3079.7	3030.9	3084.2	3035.1	3132.6	3081.9
Sep	3005.7	2990.7	3047.3	3032.3	3057.3	3044.7	3105.5	3091.6
Oct	3004.9	2990.3	3050.6	3036.3	3065.4	3053.5	3107.9	3095.9
Nov	3014.5	3001.3	3053.1	3041.7	3066.8	3057.9	3105.7r	3097.2r
Dec	3002.0	2996.2	3056.6	3052.1	3074.8	3073.3	3096.3p	3095.3p

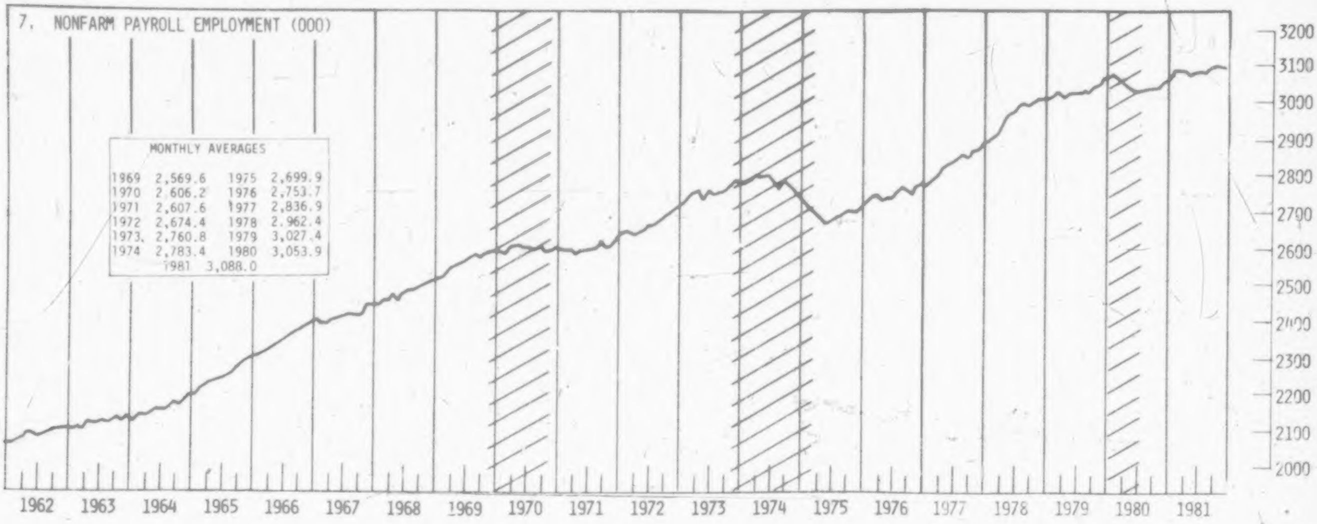
8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)

Date	1978 Unadj.	1978 Adj.	1979 Unadj.	1979 Adj.	1980 Unadj.	1980 Adj.	1981 Unadj.	1981 Adj.
Jan	2316.6	2377.7	2426.6	2488.2	2476.0	2537.6	2494.1	2556.6
Feb	2312.0	2381.4	2421.6	2497.4	2476.1	2553.8	2491.6	2570.3
Mar	2346.4	2392.6	2457.5	2508.1	2498.0	2548.6	2513.7	2566.0
Apr	2408.7	2429.0	2473.7	2494.0	2513.0	2533.2	2547.8	2568.3
May	2441.3	2436.7	2510.3	2505.0	2529.5	2524.1	2557.2	2551.8
Jun	2495.5	2441.9	2562.9	2507.8	2573.3	2518.4	2617.7	2561.7
Jul	2489.8	2453.0	2550.9	2513.6	2551.3	2513.9	2614.5	2574.9
Aug	2504.4	2461.2	2557.8	2513.2	2556.8	2512.2	2616.2	2569.8
Sep	2499.7	2464.7	2552.1	2517.6	2551.2	2518.3	2605.3	2571.7
Oct	2489.2	2470.6	2539.1	2520.8	2541.6	2525.6	2591.8	2575.8
Nov	2490.2	2478.6	2535.6	2525.4	2538.3	2530.3	2582.5r	2574.9r
Dec	2479.1	2474.7	2539.4	2535.7	2548.0	2546.8	2573.1p	2572.4p

9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

Date	1978 Unadj.	1978 Adj.	1979 Unadj.	1979 Adj.	1980 Unadj.	1980 Adj.	1981 Unadj.	1981 Adj.
Jan	512.5	515.4	514.0	517.1	515.3	518.9	522.0	525.6
Feb	515.5	515.3	518.4	519.0	519.3	520.1	523.5	524.1
Mar	520.7	518.3	519.0	517.3	524.1	522.3	525.3	523.5
Apr	524.6	521.8	518.7	516.2	528.4	526.0	523.0	520.6
May	525.6	524.2	519.1	517.4	529.9	528.0	521.2	519.3
Jun	532.3	526.9	521.6	516.3	529.8	524.1	523.0	517.7
Jul	539.9	530.3	526.9	516.6	534.5	[illegible]	523.5	513.4
Aug	536.3	533.2	521.9	517.7	527.4	522.9	516.4	512.1
Sep	506.0	526.0	495.2	514.7	506.1	526.4	500.2	519.9
Oct	515.7	519.7	511.5	515.5	523.8	527.9	516.1	520.1
Nov	524.3	522.7	517.5	516.3	528.5	527.6	523.2r	522.3r
Dec	522.9	521.5	517.2	516.4	526.8	526.5	523.2p	522.9p

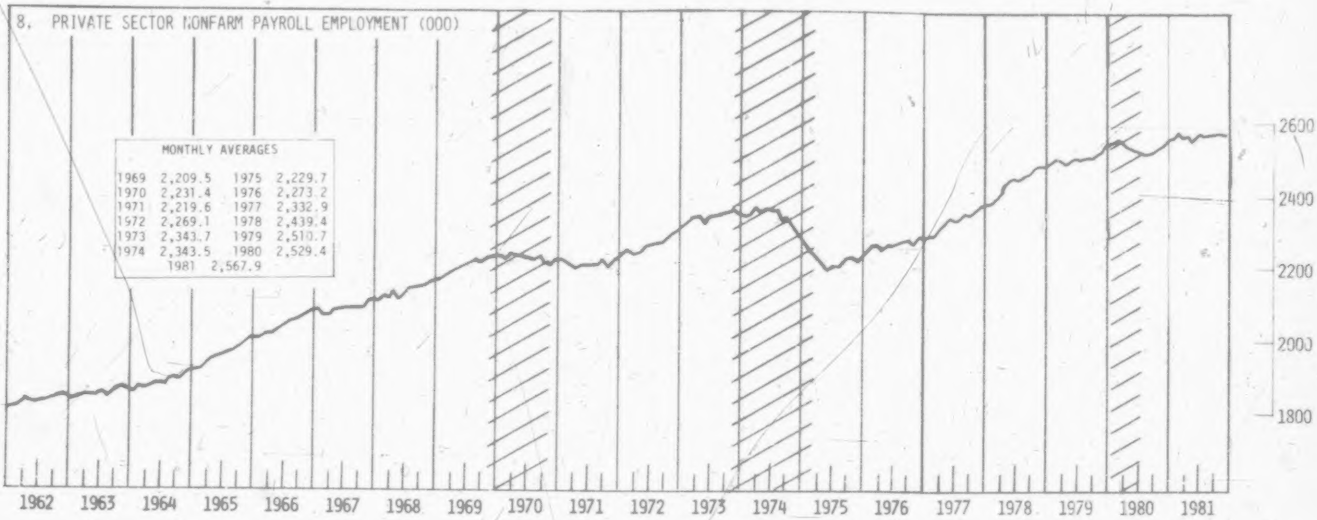
CHART III ESTABLISHMENT EMPLOYMENT INDICATORS – I



7. NONFARM PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

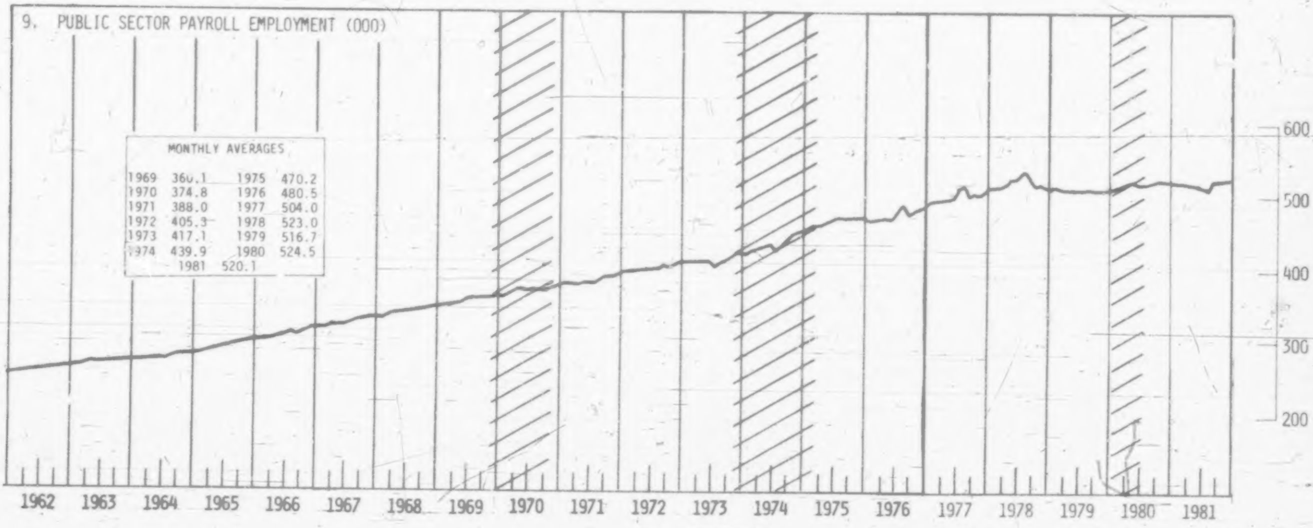
1969	2,569.6	1975	2,699.9
1970	2,606.2	1976	2,753.7
1971	2,607.6	1977	2,836.9
1972	2,674.4	1978	2.962.4
1973	2,760.8	1979	3,027.4
1974	2,783.4	1980	3,053.9
1981	3,088.0		



8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

1969	2,209.5	1975	2,229.7
1970	2,231.4	1976	2,273.2
1971	2,219.6	1977	2,332.9
1972	2,269.1	1978	2,439.4
1973	2,343.7	1979	2,510.7
1974	2,343.5	1980	2,529.4
1981	2,567.9		



9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

1969	360.1	1975	470.2
1970	374.8	1976	480.5
1971	388.0	1977	504.0
1972	405.3	1978	523.0
1973	417.1	1979	516.7
1974	439.9	1980	524.5
1981	520.1		

TABLE IV ESTABLISHMENT EMPLOYMENT INDICATORS - II

10. MANUFACTURING PAYROLL EMPLOYMENT (000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	763.6	776.9	784.4	796.6	782.8	794.3	770.2	782.0
Feb	767.2	778.1	787.6	798.6	792.3	803.1	771.1	781.7
Mar	777.1	780.5	797.5	800.2	797.9	800.5	773.6	776.4
Apr	783.2	787.3	795.2	798.3	790.5	793.2	774.8	777.7
May	788.3	787.7	801.5	800.3	784.5	783.4	776.7	775.8
Jun	795.9	783.9	814.2	801.9	790.8	778.9	787.9	776.3
Jul	781.1	786.9	794.1	800.6	770.9	777.6	773.2	779.7
Aug	792.7	789.9	799.7	797.4	772.6	770.7	778.5	776.6
Sep	802.0	790.7	810.9	800.3	782.2	772.7	784.5	774.9
Oct	801.1	791.6	808.0	798.8	782.3	774.3	779.9	771.8
Nov	800.6	795.5	800.4	795.9	779.0	774.9	771.5r	767.4r
Dec	789.0	793.4	796.1	800.5	775.2	780.0	759.2p	764.2p

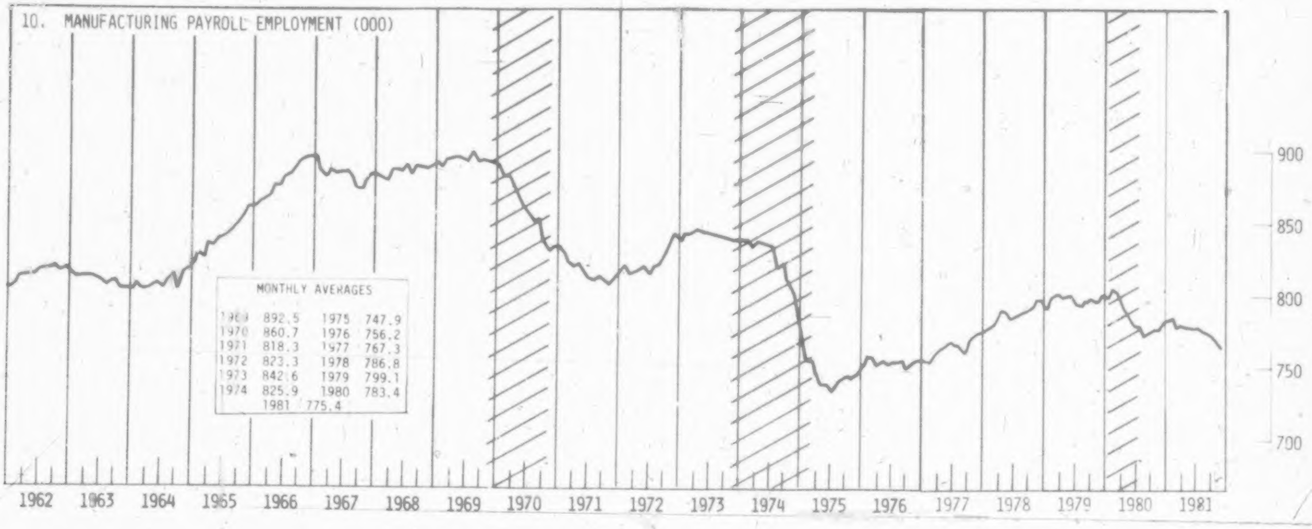
11. CONSTRUCTION PAYROLL EMPLOYMENT (000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	83.6	96.1	96.4	110.4	103.4	117.8	101.3	115.4
Feb	78.1	93.8	91.9	110.9	98.3	118.8	99.0	119.6
Mar	83.2	94.4	99.9	113.5	100.2	113.8	105.4	119.7
Apr	101.6	103.4	110.2	112.1	106.2	108.0	114.3	116.3
May	109.0	107.6	116.0	114.6	110.0	108.7	102.7	101.4
Jun	115.8	108.5	120.5	112.8	115.9	108.5	112.9	105.7
Jul	115.9	107.2	123.7	114.4	117.4	108.7	119.7	110.8
Aug	118.1	108.7	124.1	114.3	117.8	108.5	118.7	109.3
Sep	117.1	108.8	122.1	113.7	117.3	109.3	117.3	109.3
Oct	117.2	109.8	122.2	114.4	117.3	109.8	118.0	110.5
Nov	114.7	109.6	121.1	115.9	114.2	109.4	116.9	112.0
Dec	108.8	109.1	116.6	116.9	110.4	110.8	112.1p	112.5p

12. SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1466.9	1502.0	1543.1	1578.4	1587.5	1623.1	1620.4	1656.9
Feb	1464.2	1506.8	1539.5	1585.1	1583.3	1629.5	1619.3	1666.6
Mar	1483.7	1515.2	1557.4	1591.6	1597.5	1631.8	1632.4	1667.5
Apr	1521.3	1535.8	1565.6	1580.9	1614.2	1629.5	1656.4	1672.0
May	1541.4	1538.9	1589.9	1587.4	1632.5	1629.6	1675.5	1672.4
Jun	1581.3	1547.1	1625.5	1590.4	1663.9	1628.5	1714.7	1677.6
Jul	1590.3	1556.4	1630.4	1596.0	1660.4	1625.2	1719.2	1682.1
Aug	1591.1	1560.1	1631.2	1598.9	1663.7	1630.5	1716.7	1681.7
Sep	1578.0	1562.7	1616.5	1601.1	1649.2	1633.9	1701.1	1685.2
Oct	1568.3	1566.6	1606.4	1605.1	1639.6	1639.1	1691.6	1691.2
Nov	1572.3	1570.9	1611.6	1611.1	1642.7	1643.6	1691.8r	1693.2r
Dec	1578.6	1569.5	1624.4	1615.9	1660.0	1653.6	1699.5p	1693.4p

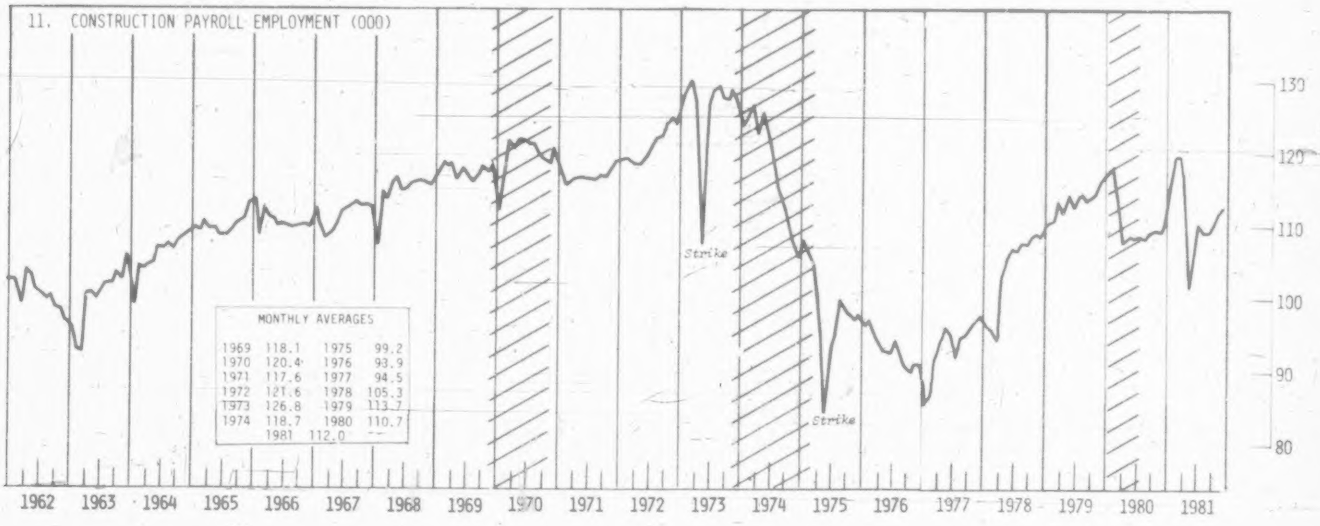
CHART IV ESTABLISHMENT EMPLOYMENT INDICATORS – II



10. MANUFACTURING PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

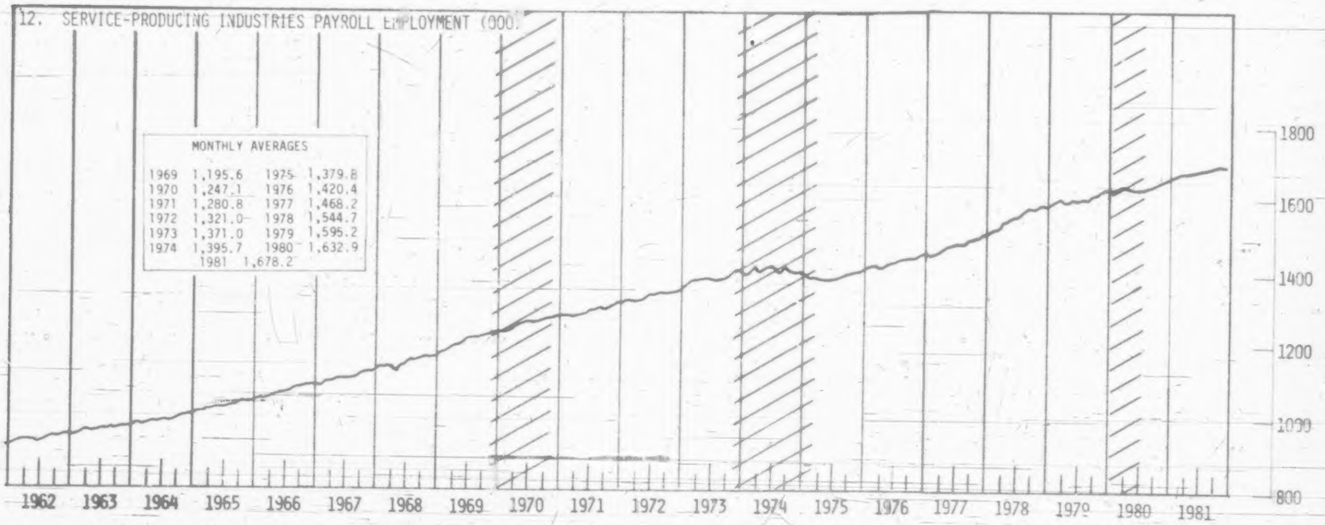
1969	892.5	1975	747.9
1970	860.7	1976	756.2
1971	818.3	1977	767.3
1972	823.3	1978	786.8
1973	842.6	1979	799.1
1974	825.9	1980	783.4
1981	775.4		



11. CONSTRUCTION PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

1969	118.1	1975	99.2
1970	120.4	1976	93.9
1971	117.6	1977	94.5
1972	121.6	1978	105.3
1973	126.8	1979	113.7
1974	118.7	1980	110.7
1981	112.0		



12. SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

1969	1,195.6	1975	1,379.8
1970	1,247.1	1976	1,420.4
1971	1,280.8	1977	1,468.2
1972	1,321.0	1978	1,544.7
1973	1,371.0	1979	1,595.2
1974	1,395.7	1980	1,632.9
1981	1,678.2		

TABLE V PRODUCTION WORKER INDICATORS

13. MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS (000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	516.7	526.3	522.7	531.7	515.9	524.3	496.0	504.0
Feb	520.6	526.7	524.0	529.2	522.2	527.0	497.3	501.8
Mar	524.8	527.2	528.9	530.5	525.0	526.3	499.5	500.9
Apr	526.4	529.3	529.2	530.5	520.6	521.0	500.8	501.1
May	528.8	528.6	533.0	532.0	511.9	511.0	502.7	502.1
Jun	531.9	523.8	542.2	534.4	515.2	507.8	512.1	504.7
Jul	519.9	528.2	524.2	533.6	494.3	503.6	498.9	508.3
Aug	529.8	530.0	529.7	531.2	496.0	497.8	502.9	504.7
Sep	538.0	529.0	541.1	533.0	508.1	500.8	511.5	504.1
Oct	538.8	530.8	537.8	530.3	508.0	501.0	506.7r	499.8r
Nov	538.0	533.0	529.3	524.6	504.3	500.0	498.4p	494.1p
Dec	527.7	530.1	526.1	528.3	501.0	503.0		

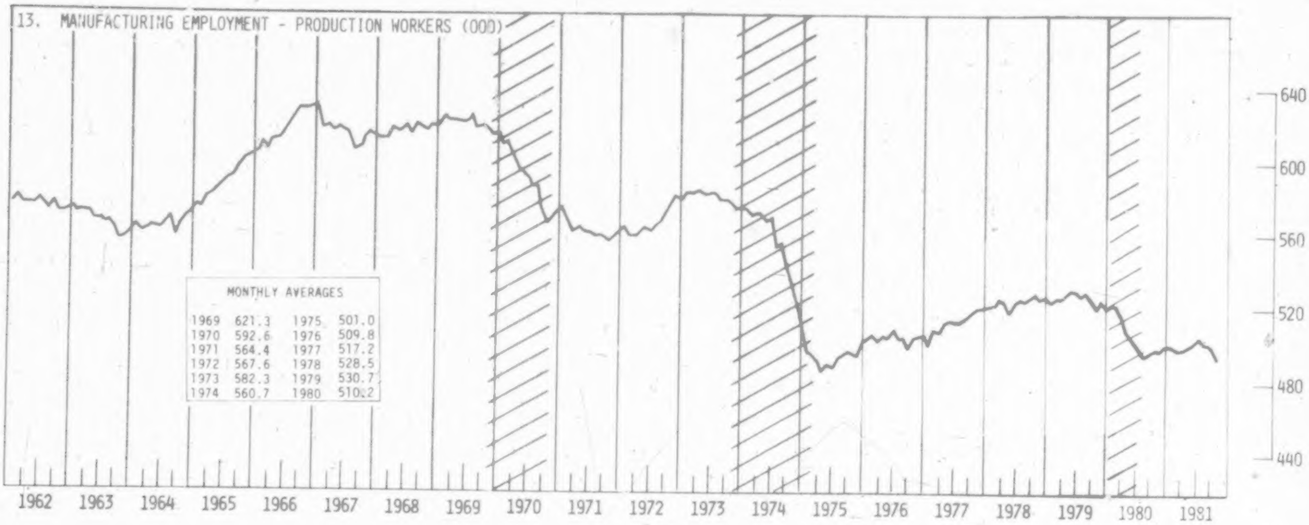
14. MANUFACTURING WORKWEEK - PRODUCTION WORKERS (hours)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	40.2	40.5	41.3	41.5	41.0	41.1	40.8	40.9
Feb	37.3	37.4	41.3	41.4	40.8	40.9	40.8	40.9
Mar	41.5	41.5	41.7	41.6	40.8	40.7	41.0	40.9
Apr	41.5	41.8	40.3	40.6	40.4	40.7	40.5	40.8
May	40.8	40.9	41.2	41.3	40.3	40.4	40.7	40.8
Jun	41.3	41.2	41.3	41.2	40.3	40.2	40.8	40.8
Jul	40.7	41.0	40.8	41.2	39.9	40.3	40.2	40.6
Aug	41.1	41.2	40.7	40.9	40.3	40.5	40.6	40.8
Sep	41.4	41.4	41.0	41.0	40.6	40.6	40.6	40.6
Oct	41.2	41.2	41.0	41.0	40.7	40.7	40.8	40.8
Nov	40.0	39.6	41.5	41.1	41.2	40.8	41.0p	40.6p
Dec	42.0	41.4	41.7	41.1	41.4	40.8		

15. AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS (000)

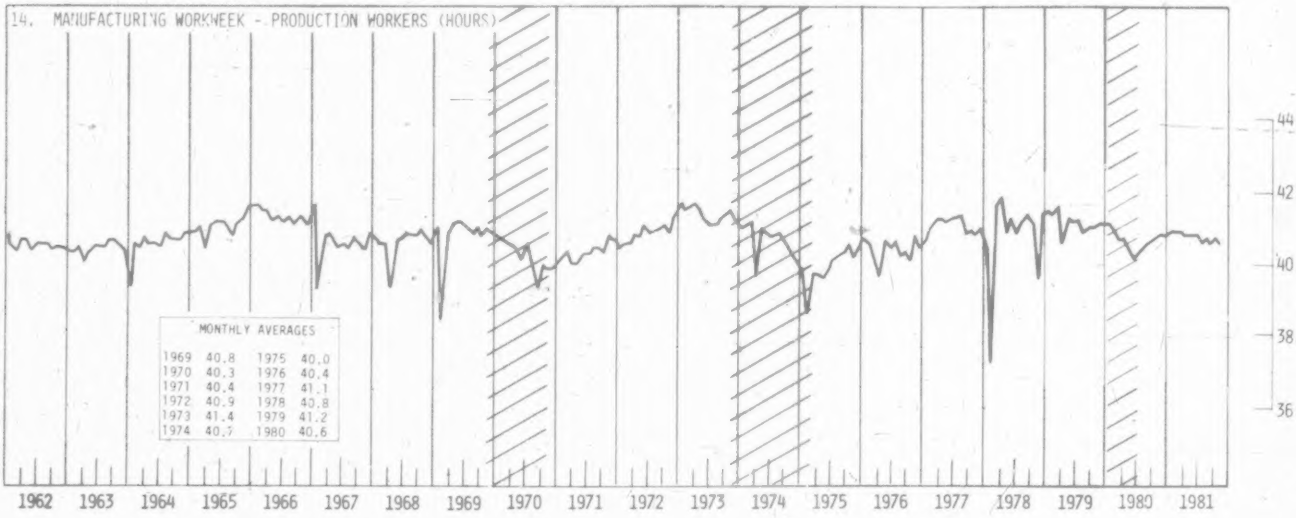
Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	20,771	21,315	21,588	22,066	21,152	21,549	20,237	20,614
Feb	19,418	19,699	21,641	21,909	21,306	21,554	20,290	20,524
Mar	21,779	21,879	22,055	22,069	21,420	21,420	20,480	20,487
Apr	21,846	22,125	21,327	21,538	21,032	21,205	20,282	20,445
May	21,575	21,620	21,960	21,972	20,630	20,644	20,460	20,490
Jun	21,967	21,581	22,393	22,017	20,763	20,414	20,894	20,541
Jul	21,160	21,656	21,387	21,984	19,723	20,295	20.056	20,637
Aug	21,775	21,836	21,559	21,726	19,989	20,161	20,418	20,592
Sep	22,273	21,901	22,185	21,853	20,629	20,332	20,767	20,466
Oct	22,199	21,869	22,050	21,742	20,676	20,391	20,673r	20,592r
Nov	21,520	21,107	21,966	21,561	20,777	20,400	20,434p	20,060p
Dec	22,163	21,946	21,938	21,713	20,741	20,522		

CHART V PRODUCTION WORKER INDICATORS


13. MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS (000)

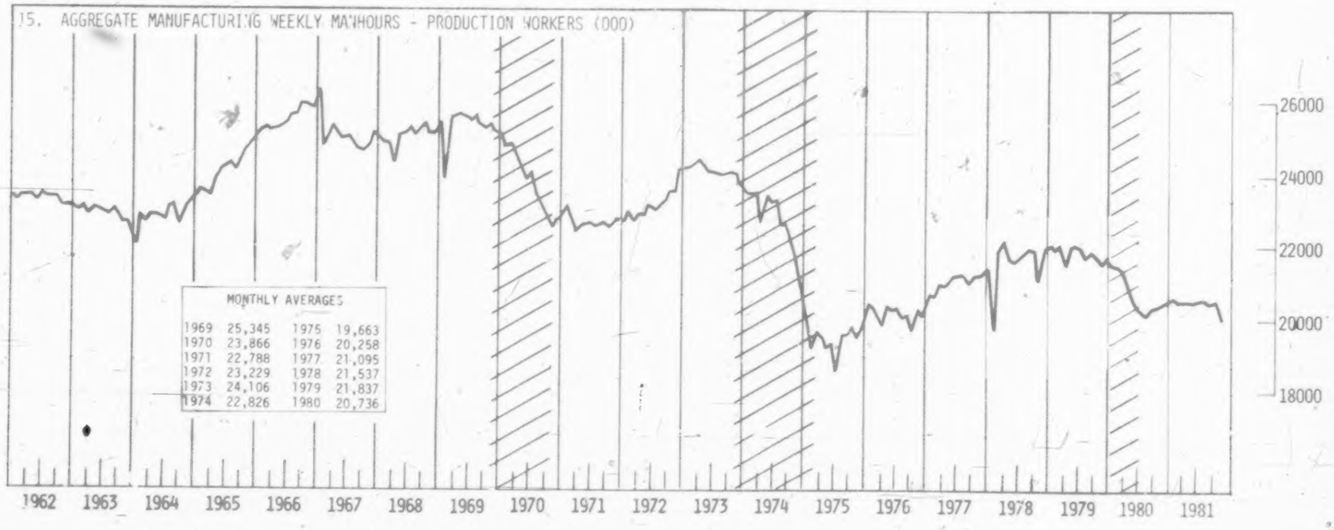
MONTHLY AVERAGES

1969	621.3	1975	501.0
1970	592.6	1976	509.8
1971	564.4	1977	517.2
1972	567.6	1978	528.5
1973	582.3	1979	530.7
1974	560.7	1980	510.2


14. MANUFACTURING WORKWEEK - PRODUCTION WORKERS (HOURS)

MONTHLY AVERAGES

1969	40.8	1975	40.0
1970	40.3	1976	40.4
1971	40.4	1977	41.1
1972	40.9	1978	40.8
1973	41.4	1979	41.2
1974	40.7	1980	40.6


15. AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS (000)

MONTHLY AVERAGES

1969	25,345	1975	19,663
1970	23,866	1976	20,258
1971	22,788	1977	21,095
1972	23,229	1978	21,537
1973	24,106	1979	21,837
1974	22,826	1980	20,736

TABLE VI EARNINGS AND PRICE INDICATORS

16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($)

Date	1978 Unadjusted	1979 Unadjusted	1980 Unadjusted	1981 Unadjusted
Jan	245.22	269.28	286.59	314.98
Feb	229.02	270.93	287.64	314.57
Mar	254.40	273.97	290.90	317.34
Apr	254.40	263.97	291.28	316.71
May	251.74	273.16	288.15	319.90
Jun	256.06	275.88	292.58	321.90
Jul	254.38	272.95	290.47	318.79
Aug	256.05	271.88	293.79	320.74
Sep	262.48	279.21	300.85	326.42
Oct	263.27	279.21	303.62	328.44r
Nov	266.80	288.01	311.88	330.46p
Dec	275.10	293.99	312.98	

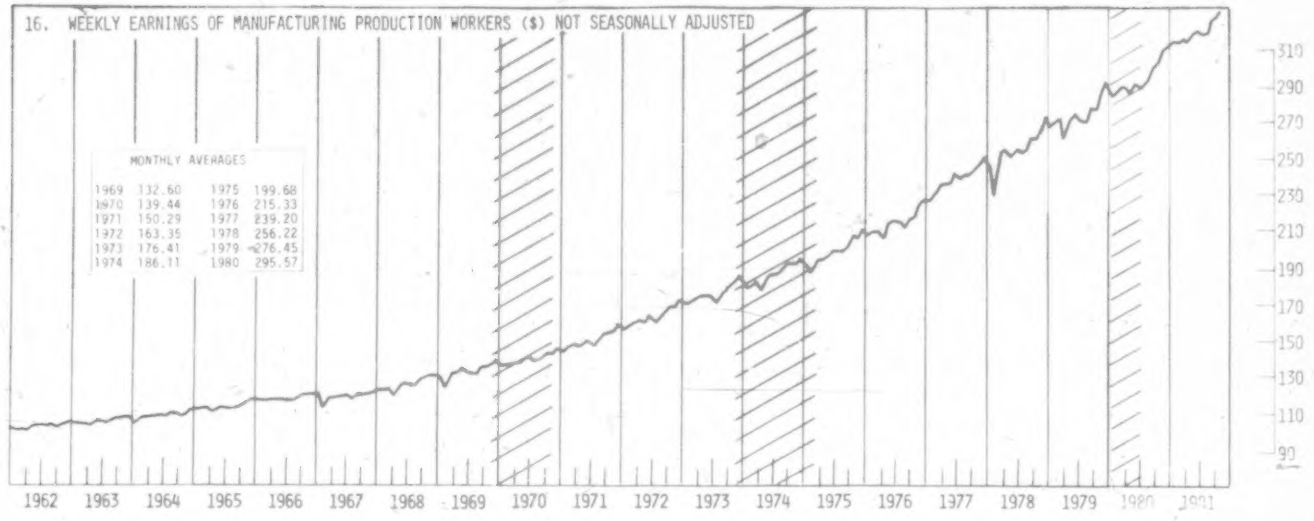
17. CPI FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)

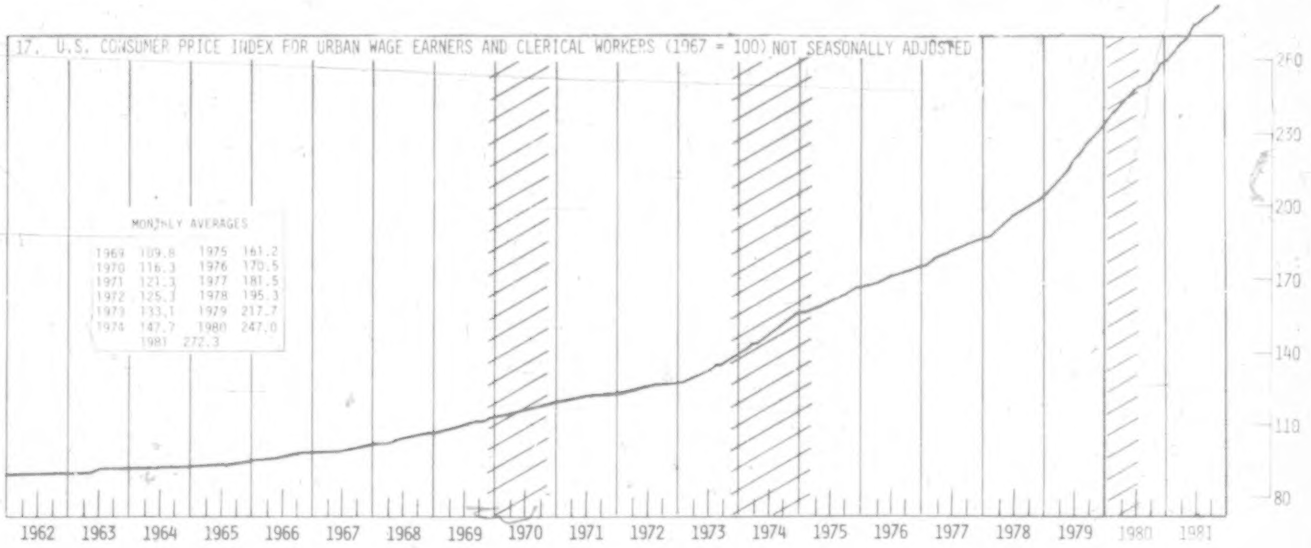
Date	1978			1979			1980			1981		
	U.S.	N.Y.	Phila.	U.S.	N.Y.	Phila.	U.S.	N.Y.	Phila.	U.S.	N.Y.	Phila.
Jan	187.1	189.8	187.4	204.7	202.3	203.9	233.3	225.5	228.0	260.7	249.1	255.5
Feb	188.4	190.8	188.7	207.1	204.7	205.8	236.5	227.7	231.6	263.5	252.7	258.1
Mar	189.7	191.9	189.7	209.3	206.3	206.8	239.9	230.8	235.1	265.2	253.7	259.5
Apr	191.4	192.8	191.5	211.8	208.1	209.1	242.6	232.4	237.9	266.8	254.8	261.5
May	193.3	193.7	192.6	214.3	210.3	211.4	245.1	234.1	239.9	269.1	255.9	262.9
Jun	195.3	195.6	194.6	216.9	212.2	214.5	247.8	236.7	243.8	271.4	257.9	265.6
Jul	196.7	196.0	195.9	219.4	214.1	216.9	248.0	238.4	245.3	274.6	262.3	268.5
Aug	197.7	196.7	197.4	221.5	215.3	218.1	249.6	240.7	247.3	276.5	264.0	271.6
Sep	199.1	197.7	198.2	223.7	217.8	220.3	251.9	241.5	248.3	279.1	267.8	274.5
Oct	200.7	199.2	198.9	225.6	219.3	221.3	254.1	242.6	249.5	279.7	267.0	275.2
Nov	201.8	199.8	200.6	227.6	220.7	223.8	256.4	244.2	251.1	280.4	266.9	274.5
Dec	202.9	200.9	202.4	230.0	222.4	224.6	258.7	247.2	252.3	281.1	266.9	274.1

18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS IN 1967 DOLLARS (UNADJUSTED)

Date	1978		1979		1980		1981	
	Single	3 Dep.	Single	3 Dep.	Single	3 Dep.	Single	3 Dep.
Jan	100.16	109.90	101.61	111.87	96.00	105.80	92.90	102.62
Feb	93.80	102.98	101.06	111.27	95.09	104.80	91.68	101.26
Mar	102.16	112.15	101.39	111.66	94.66	104.35	91.91	101.54
Apr	101.42	111.34	97.23	107.04	93.88	103.49	91.19	100.74
May	100.01	109.75	99.07	109.10	92.30	101.73	91.52	101.14
Jun	100.47	110.32	98.75	108.76	92.25	101.69	91.15	101.75
Jul	99.45	109.17	96.89	106.70	91.06	100.38	89.19	98.56
Aug	99.45	109.20	96.03	105.74	91.18	100.52	88.85	98.19
Sep	101.10	111.14	97.18	107.06	92.74	102.27	89.02	98.43
Oct	100.80	110.82	96.65	106.47	93.03	102.61	90.54r	99.58r
Nov	101.39	111.53	98.41	108.46	94.56	104.34	91.15p	100.26p
Dec	103.31	113.76	99.62	109.83	94.04	103.78		

CHART VI EARNINGS AND PRICE INDICATORS


16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($) NOT SEASONALLY ADJUSTED


17. U.S. CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (1967 = 100) NOT SEASONALLY ADJUSTED

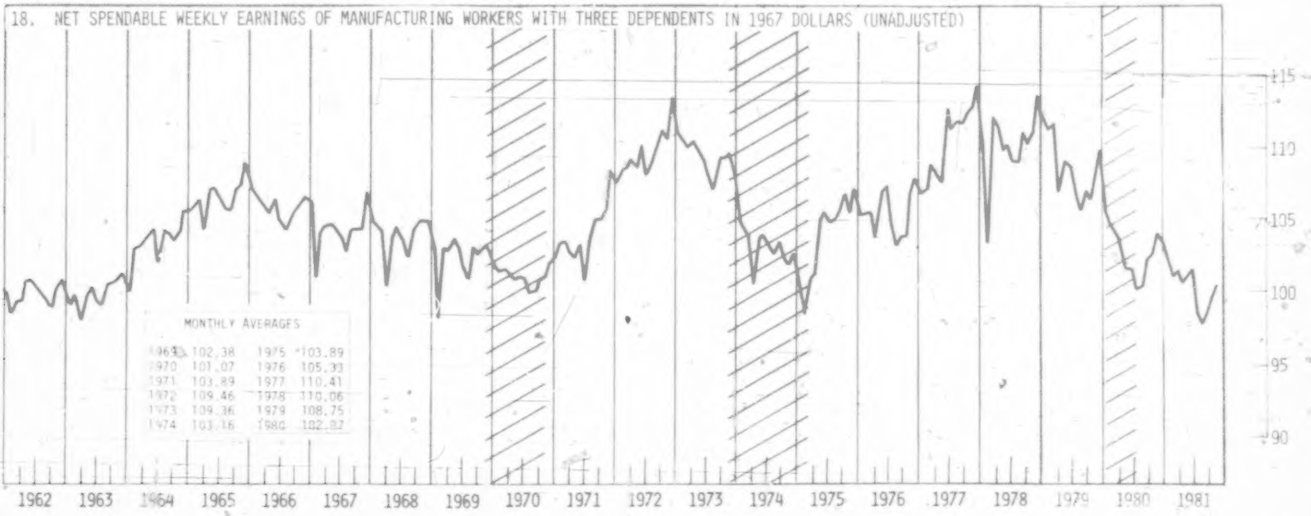

18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS WITH THREE DEPENDENTS IN 1967 DOLLARS (UNADJUSTED)

TABLE VII LABOR TURNOVER INDICATORS

19. MANUFACTURING ACCESSION RATES (%)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	3.8	3.6	3.7	3.5	4.1	3.9	3.6	3.4
Feb	3.1	3.4	3.1	3.4	3.6	4.0	3.0	3.3
Mar	3.5	3.7	3.5	3.6	3.4	3.5	3.4	3.6
Apr	3.6	4.0	3.3	3.7	2.9	3.3	3.3	3.7
May	4.4	4.0	4.0	3.7	3.3	3.1	3.3	3.1
Jun	4.6	3.9	4.4	3.7	3.8	3.2	4.0	3.4
Jul	4.1	3.6	4.7	4.1	3.3	2.9	3.4	2.9
Aug	5.5	3.9	5.6	4.0	5.6	3.9	4.3	3.0
Sep	4.2	3.8	4.2	3.8	4.1	3.7	3.9	3.5
Oct	3.6	3.8	3.9	4.1	3.2	3.4	2.8	2.9
Nov	2.7	3.7	2.7	3.7	2.6	3.6	2.5	3.5
Dec	2.2	3.7	2.3	3.9	2.1	3.5		

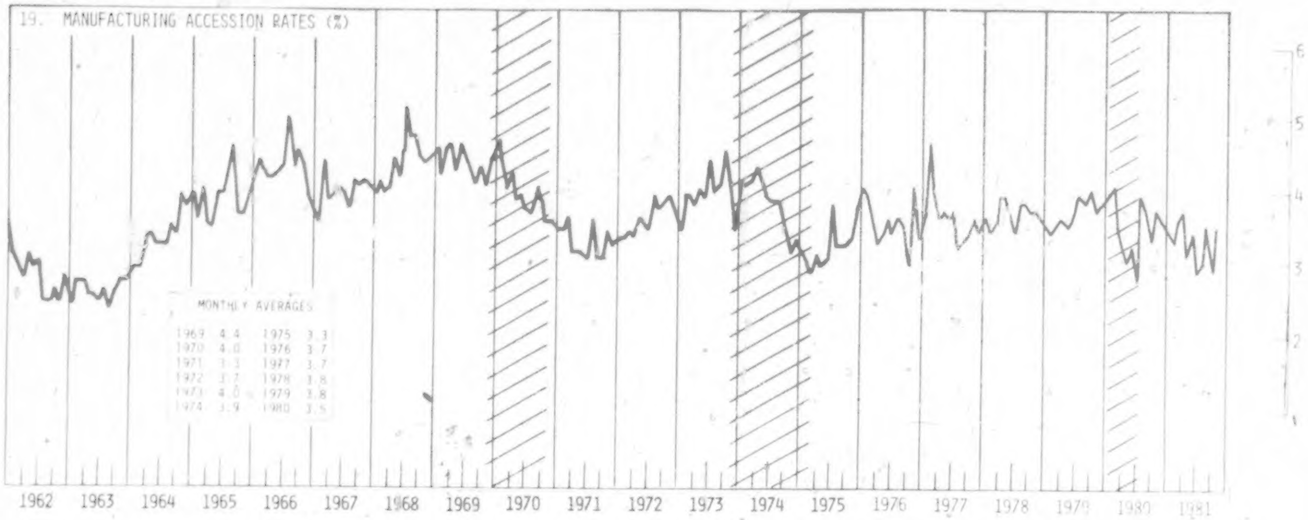
20. MANUFACTURING SEPARATIONS RATE (%)

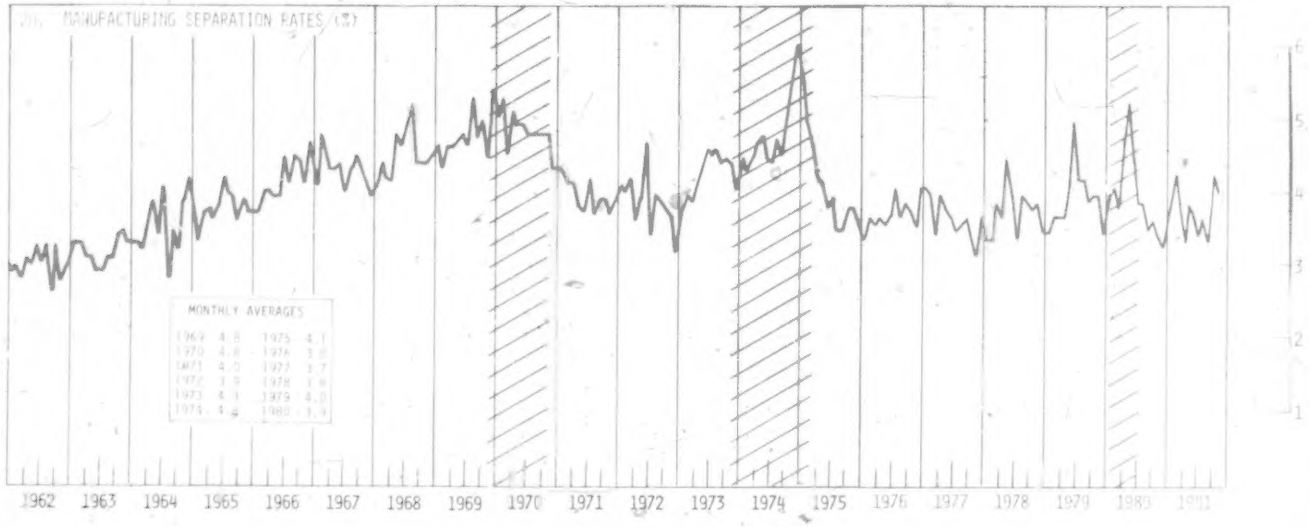
Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	3.5	3.4	3.6	3.6	4.1	4.1	3.9	3.9
Feb	2.7	3.4	3.0	3.8	3.3	4.2	3.3	4.2
Mar	3.4	3.9	3.3	3.8	3.4	3.9	3.2	3.7
Apr	3.3	3.6	3.3	3.6	4.2	4.6	3.0	3.3
May	3.8	4.4	3.4	3.9	4.4	5.0	3.3	3.8
Jun	3.4	3.9	4.3	4.8	3.8	4.2	3.3	3.7
Jul	4.8	3.4	6.0	4.2	5.5	3.9	4.8	3.4
Aug	5.1	4.0	5.4	4.1	5.0	3.8	4.7	3.6
Sep	4.4	3.9	4.4	3.9	4.0	3.6	3.7	3.3
Oct	3.7	3.9	3.8	4.0	3.4	3.6	4.0	4.2
Nov	3.5	4.0	3.6	4.1	3.0	3.4	3.5	4.0
Dec	3.6	3.5	3.5	3.5	3.2	3.3		

21. MANUFACTURING QUIT RATE (%)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1.1	1.3	1.4	1.6	1.5	1.7	1.2	1.4
Feb	1.1	1.4	1.2	1.6	1.3	1.7	1.0	1.3
Mar	1.3	1.4	1.5	1.6	1.4	1.5	1.1	1.2
Apr	1.3	1.5	1.4	1.6	1.3	1.5	1.1	1.2
May	1.5	1.6	1.5	1.6	1.3	1.4	1.2	1.3
Jun	1.6	1.6	1.6	1.6	1.1	1.1	1.3	1.3
Jul	1.5	1.6	1.5	1.6	1.2	1.3	1.3	1.4
Aug	2.8	1.6	2.8	1.6	2.1	1.2	2.0	1.2
Sep	2.4	1.6	2.3	1.6	1.7	1.2	1.6	1.1
Oct	1.7	1.6	1.7	1.6	1.3	1.2	1.2	1.1
Nov	1.2	1.6	1.2	1.6	1.0	1.3	0.8	1.1
Dec	1.0	1.6	1.0	1.6	0.8	1.3		

CHART VII LABOR TURNOVER INDICATORS





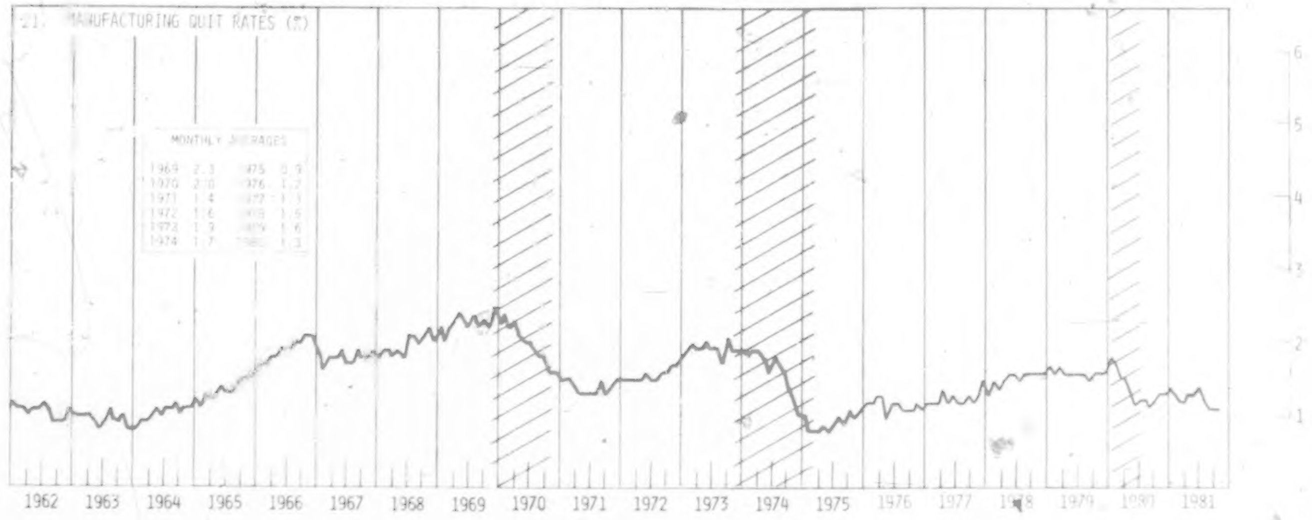


TABLE VIII GENERAL BUSINESS INDICATORS

22. NEW BUSINESS INCORPORATIONS (number)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1,718	1,637	1,341	1,238	2,007	1,832	1,942	1,874
Feb	1,637	1,866	1,575	1,775	1,605	1,742	1,870	2,090
Mar	1,750	1,428	2,003	1,697	2,209	1,949	2,236	1,902
Apr	1,692	1,698	1,850	1,786	1,405	1,295	2,405	2,194
May	1,614	1,542	2,006	1,915	2,355	2,367	2,410	2,544
Jun	1,843	1,694	1,520	1,481	1,620	1,566	2,026	1,897
Jul	1,797	1,833	2,165	2,131	1,723	1,611	1,903	1,790
Aug	1,729	1,720	1,634	1,643	1,674	1,839	1,838	2,020
Sep	1,485	1,698	1,922	2,239	1,710	1,846	1,904	2,030
Oct	1,758	1,773	1,884	1,810	1,910	1,830	2,000	1,991
Nov	1,831	1,920	1,609	1,713	1,561	1,798	1,749	1,942
Dec	1,527	1,720	1,663	1,863	1,705	1,763		

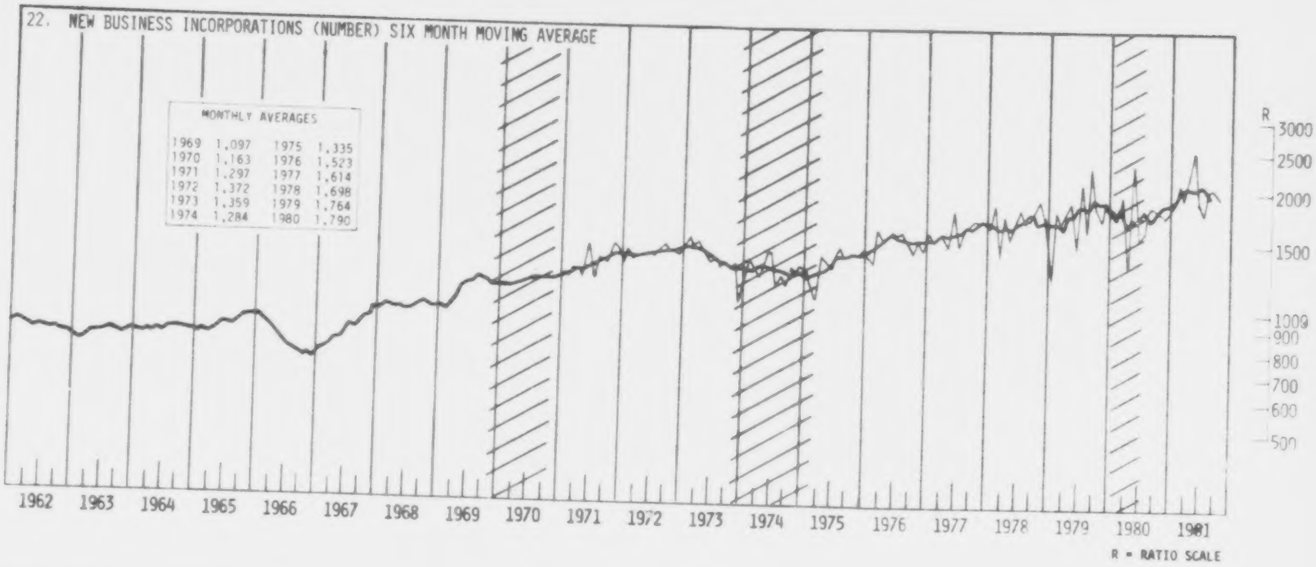
23. BUSINESS FAILURES (number)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	33	34	21	22	43	44	33	35
Feb	19	26	22	31	29	40	42	61
Mar	53	44	42	35	37	32	31	26
Apr	33	30	29	27	42	38	58	57
May	48	41	41	34	42	34	21	17
Jun	38	36	40	38	30	30		
Jul	25	30	32	37	40	45		
Aug	35	31	69	61	46	42		
Sep	29	35	31	39	30	38		
Oct	36	35	31	30	49	45		
Nov	29	29	32	32	11	11		
Dec	37	37	31	31	31	31		

24. NET GAIN IN BUSINESS TELEPHONES (number)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	4,440	5,838	5,496	6,562	5,847	6,610	5,437	6,307
Feb	4,820	5,722	5,031	6,126	3,987	5,161	4,804	5,994
Mar	9,370	7,129	6,878	4,592	7,642	5,712	2,808	738
Apr	8,520	6,306	4,900	2,525	9,266	6,629	8,271	5,547
May	8,961	5,762	9,105	5,880	7,661	4,626	8.953	6,235
Jun	8,001	6,399	6,638	5,421	5,807	4,788	7,874	6,626
Jul	6,470	6,525	4,853	4,849	5,976	5,657	5,433	5,181
Aug	4,860	6,052	2,890	4,322	3,967	5,814	5,337	7,248
Sep	6,615	7,038	4,793	5,401	5,162	5,532	3,880	4.220
Oct	2,309	5,660	5,979	8,981	4,557	7,303	6,787	9,573
Nov	1,199	1,885	6,242	6,884	4,165	5,190	2,066	3,082
Dec	7,549	8,871	5,152	6,371	5,003	5,912	14,690	15,381

CHART VIII GENERAL BUSINESS INDICATORS

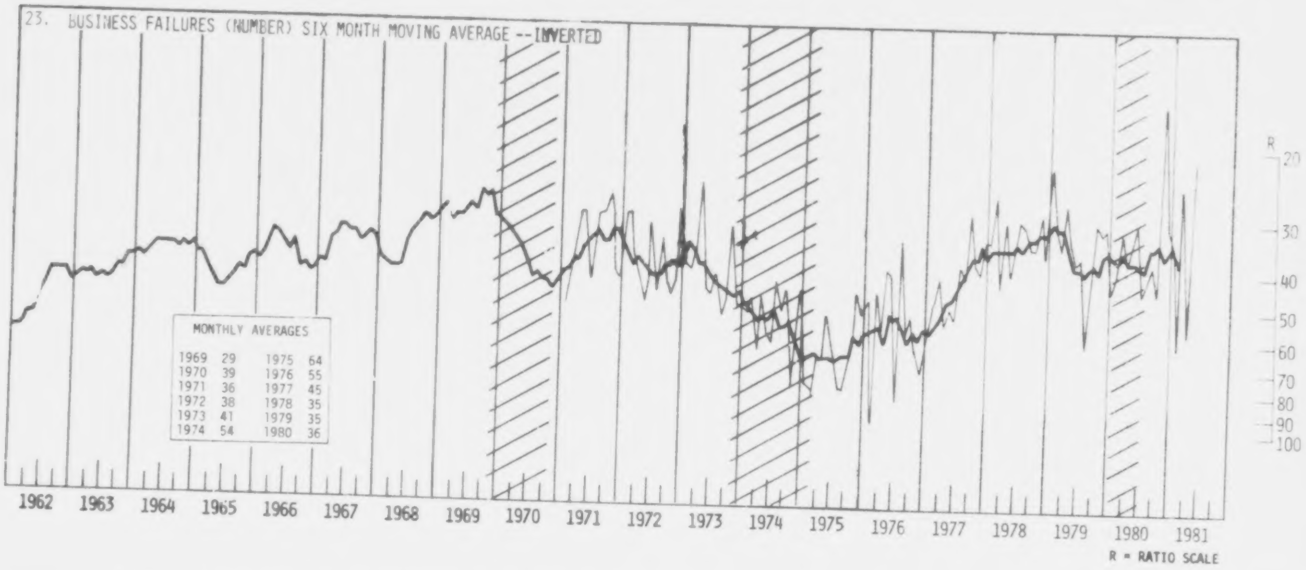


22. NEW BUSINESS INCORPORATIONS (NUMBER) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

1969	1,097	1975	1,335
1970	1,163	1976	1,523
1971	1,297	1977	1,614
1972	1,372	1978	1,698
1973	1,359	1979	1,764
1974	1,284	1980	1,790

R = RATIO SCALE

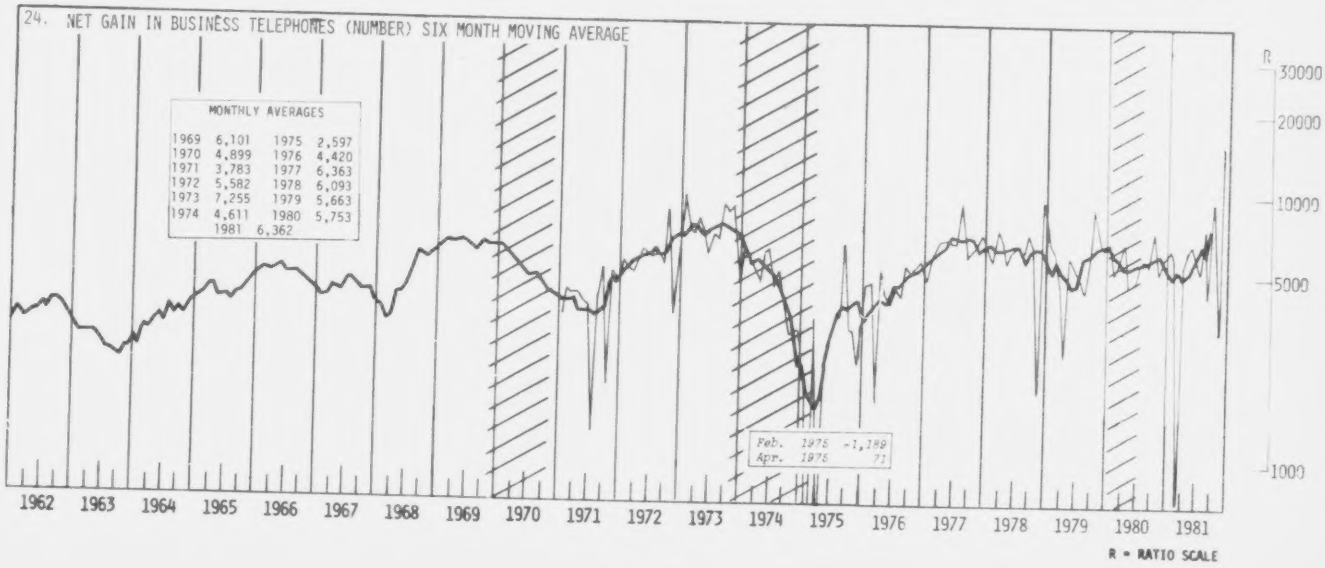


23. BUSINESS FAILURES (NUMBER) SIX MONTH MOVING AVERAGE -- INVERTED

MONTHLY AVERAGES

1969	29	1975	64
1970	39	1976	55
1971	36	1977	45
1972	38	1978	35
1973	41	1979	35
1974	54	1980	36

R = RATIO SCALE



24. NET GAIN IN BUSINESS TELEPHONES (NUMBER) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

1969	6,101	1975	2,597
1970	4,899	1976	4,420
1971	3,783	1977	6,363
1972	5,582	1978	6,093
1973	7,255	1979	5,663
1974	4,611	1980	5,753
	1981	6,362	

Feb. 1975 -1,189
Apr. 1975 71

R = RATIO SCALE

TABLE IX CONSTRUCTION CONTRACTS INDICATORS

25. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	213.4	258.1	258.8	301.5	263.5	301.9	234.0	268.1
Feb	1,048.8	1,138.6	174.1	288.9	183.4	311.0	206.9	350.8
Mar	219.3	226.8	323.6	340.9	232.9	246.0	237.3	250.6
Apr	299.6	272.5	350.8	316.5	245.5	220.3	338.1	303.4
May	340.7	286.4	335.6	276.8	357.1	290.5	280.7	228.3
Jun	236.5	200.4	405.6	351.0	381.7	334.0	329.5	288.4
Jul	245.9	253.1	273.3	279.2	331.7	339.8	331.5	339.6
Aug	270.5	229.9	361.4	313.5	425.4	376.3	404.3	357.7
Sep	317.7	317.0	295.1	292.3	290.6	286.2	432.8	426.3
Oct	366.6	333.3	304.6	268.2	389.7	336.3	316.8	273.4
Nov	391.9	385.5	288.1	283.8	245.2	242.0	289.7	286.0
Dec	192.9	229.9	231.6	284.2	216.1r	268.5r	289.2	359.3

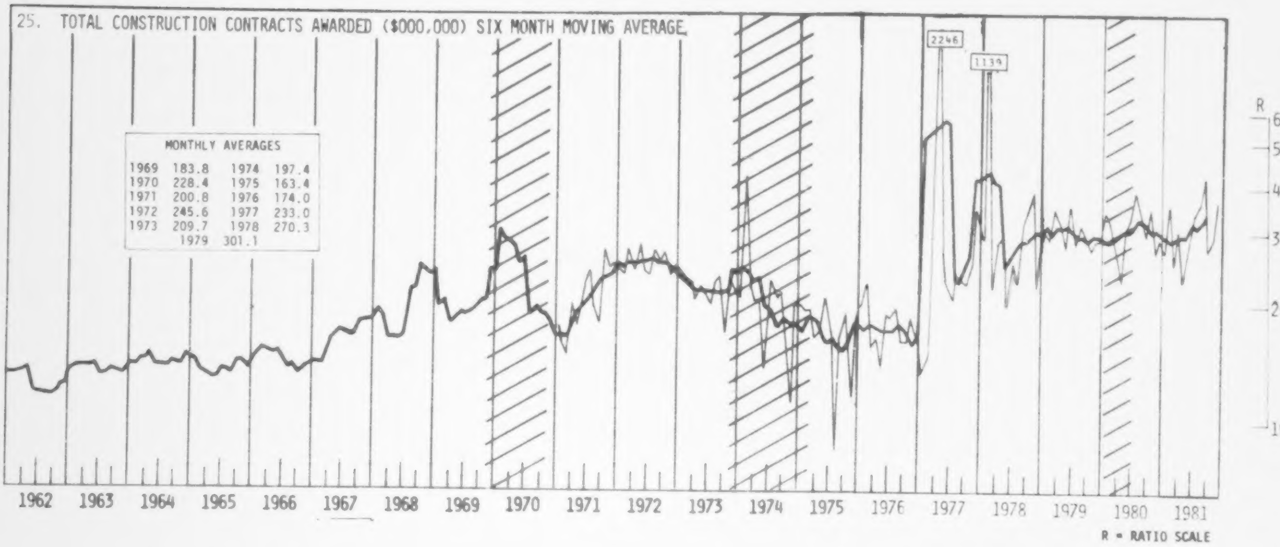
26. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	54.3	89.7	155.0	248.8	92.7	146.0	66.8	105.2
Feb	36.8	75.8	85.1	178.2	64.8	135.3	89.3	186.3
Mar	98.4	97.9	127.7	130.5	70.1	73.0	86.2	89.8
Apr	98.6	90.8	211.1	194.3	98.5	90.4	134.2	123.1
May	127.9	116.4	158.8	141.6	116.4	102.4	118.5	104.3
Jun	131.6	111.9	202.2	170.4	114.8	95.3	108.4	90.0
Jul	147.3	120.7	108.7	90.2	96.4	80.9	144.8	121.4
Aug	141.7	118.1	178.5	147.6	173.0	142.7	179.8	148.3
Sep	127.6	123.9	125.6	121.6	122.4	118.9	122.1	118.6
Oct	120.1	113.5	119.4	115.7	125.2	123.2	121.6	119.6
Nov	180.8	167.4	131.3	119.2	117.7	106.2	76.5	69.1
Dec	97.9	102.5	92.3	98.8	113.2r	122.4r	99.9	107.9

27. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

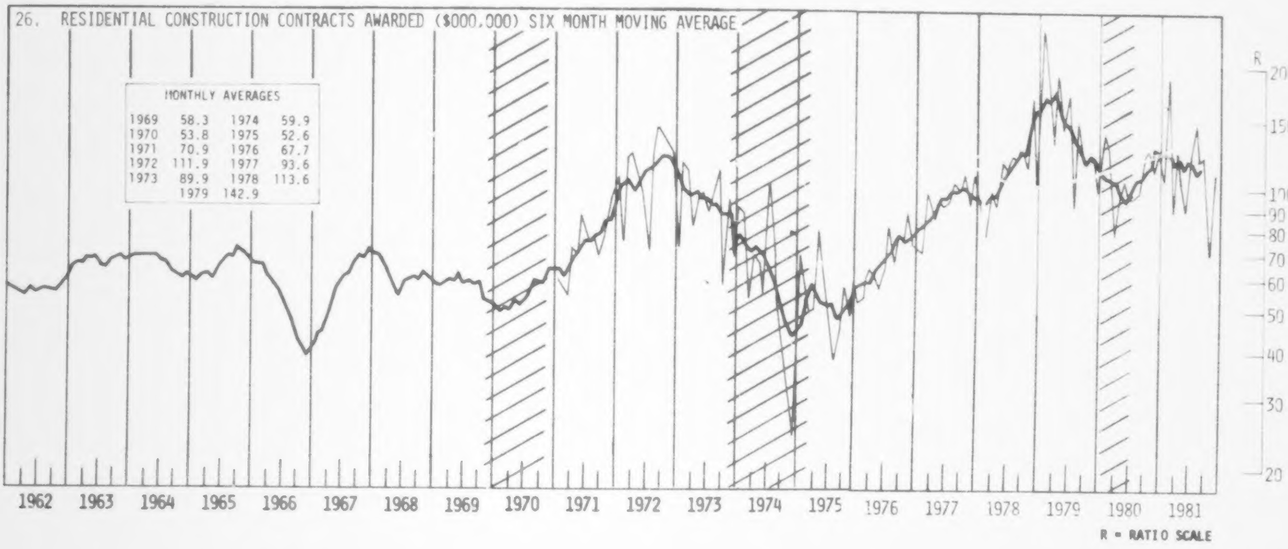
Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	99.3	110.8	72.5	77.3	126.6	132.2	130.8	136.5
Feb	47.0	77.6	51.9	92.6	73.1	135.6	90.6	168.0
Mar	85.4	81.9	165.7	160.9	106.7	105.3	113.1	111.6
Apr	132.2	110.8	104.4	89.0	94.4	80.4	126.4	107.7
May	146.5	116.0	132.8	101.9	157.9	118.5	127.0	95.3
Jun	70.1	66.9	105.2	103.2	188.5	190.6	162.3	164.0
Jul	66.8	67.4	120.1	119.6	169.0	167.7	141.5	140.4
Aug	78.7	69.2	127.8	115.6	170.5	158.2	186.6	173.1
Sep	133.8	122.7	129.8	117.7	127.3	113.2	186.2	165.5
Oct	174.3	166.2	153.0	140.9	151.1	135.2	173.5	155.2
Nov	100.1	111.6	91.8	100.4	106.3	116.5	167.4	183.5
Dec	68.1	85.7	92.5	120.6	76.5r	102.2r	140.8	188.0

CHART IX CONSTRUCTION CONTRACTS INDICATORS


25. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX MONTH MOVING AVERAGE

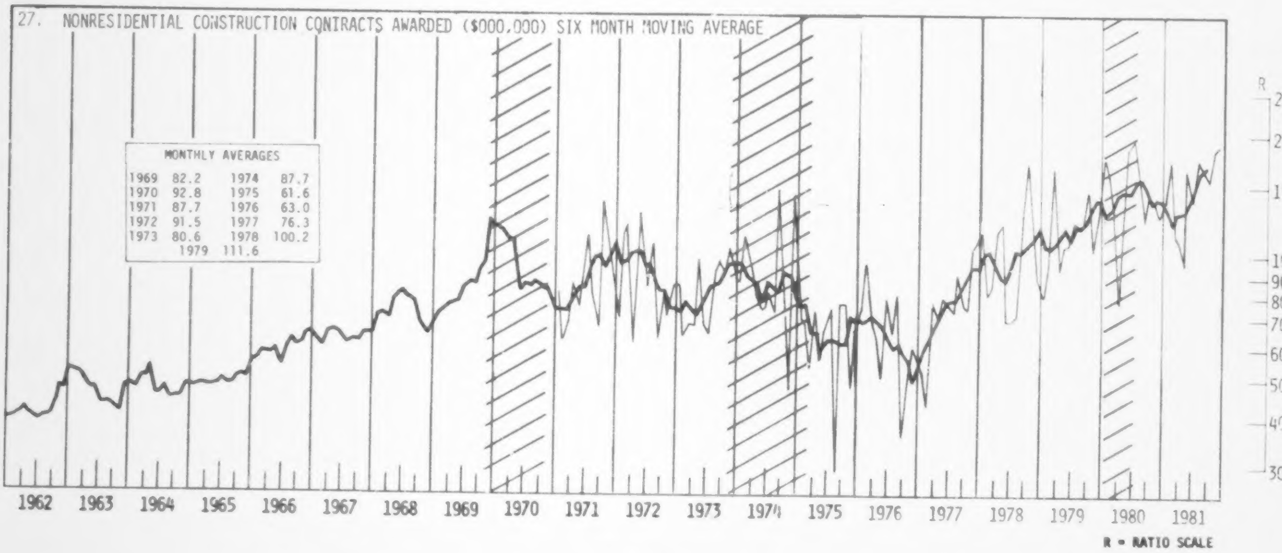
MONTHLY AVERAGES

1969	183.8	1974	197.4
1970	228.4	1975	163.4
1971	200.8	1976	174.0
1972	245.6	1977	233.0
1973	209.7	1978	270.3
1979	301.1		


26. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

1969	58.3	1974	59.9
1970	53.8	1975	52.6
1971	70.9	1976	67.7
1972	111.9	1977	93.6
1973	89.9	1978	113.6
1979	142.9		


27. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

1969	82.2	1974	87.7
1970	92.8	1975	61.6
1971	87.7	1976	63.0
1972	91.5	1977	76.3
1973	80.6	1978	100.2
1979	111.6		

TABLE X RESIDENTIAL BUILDING PERMITS INDICATORS

28. DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (number)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1,607	2,913	1,840	3,329	893	1,577	676	1,268
Feb	661	1,214	1,620	3,040	881	1,644	1,292	2,448
Mar	2,192	2,369	2,360	2,740	1,477	1,698	1,454	1,676
Apr	2,934	3,056	2,395	2,510	1,235	1,284	1,668	1,705
May	3,045	2,681	3,154	2,732	1,078	1,002	1,585	1,495
Jun	3,289	2,665	3,319	2,771	2,120	1,656	1,967	1,536
Jul	2,603	2,573	2,760	2,671	1,994	1,854	2,474	2,333
Aug	3,074	2,530	2,629	2,238	1,970	1,800	1,645	1,467
Sep	2,754	2,415	3,228	2,694	2,484	2,043	1,562	1,249
Oct	3,035	2,415	2,730	2,165	2,495	1,969	1,891	1,601
Nov	3,795	3,391	2,351	2,189	1,811	1,721	1,066	971
Dec	3,242	3,398	2,169	2,159	1,630	1,565		

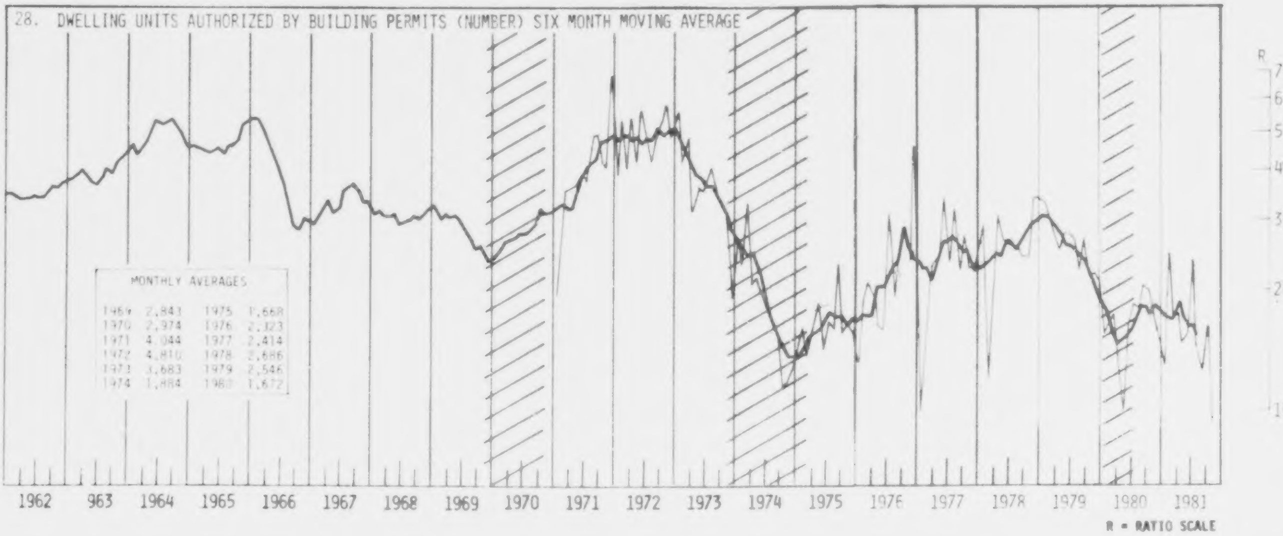
29. DWELLING UNITS (SINGLE) AUTHORIZED BY BUILDING PERMITS (number)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1,348	2,309	1,019	1,754	754	1,261	467	809
Feb	551	944	1,301	2,237	594	1,019	574	993
Mar	1,634	1,736	1,576	1,713	810	905	940	1,045
Apr	2,028	1,960	1,746	1,694	731	709	1,281	1,225
May	2,305	1,820	2,673	2,047	762	603	1,029	876
Jun	2,462	2,105	1,715	1,559	1,032	907	1,018	849
Jul	2,203	2,056	1,706	1,548	1,159	1,020	1,150	1,066
Aug	2,316	1,824	2,102	1,704	1,314	1,134	1,071	868
Sep	2,234	1,973	1,769	1,528	1,599	1,276	1,018	847
Oct	2,247	1,980	1,491	1,312	1,557	1,397	1,161	1,023
Nov	2,091	2,007	1,349	1,301	1,330	1,361	690	687
Dec	1,579	2,003	1,107	1,313	1,382	1,590		

30. DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (number)

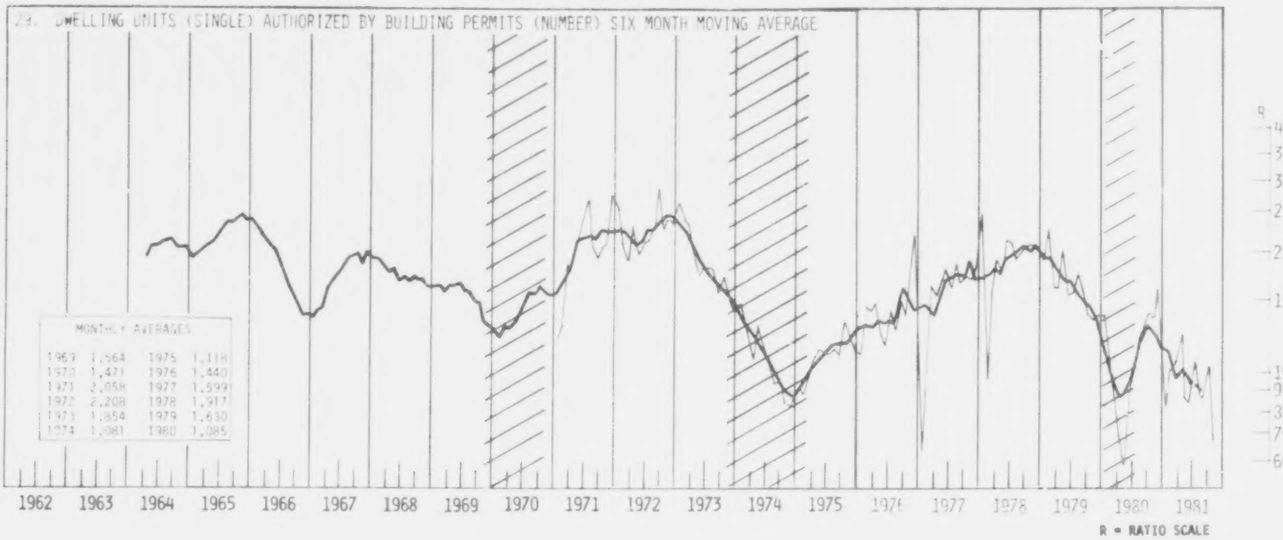
Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	133	430	740	2,663	47	154	119	448
Feb	21	84	154	778	80	432	644	3,626
Mar	348	483	416	558	447	608	416	577
Apr	485	624	446	544	356	415	160	159
May	539	801	302	465	247	405	324	526
Jun	608	379	1,426	832	759	434	843	514
Jul	242	233	873	843	649	572	898	791
Aug	424	345	224	203	545	539	337	335
Sep	89	67	1,022	798	666	563	336	261
Oct	492	325	894	616	485	310	507	400
Nov	1,178	976	896	705	296	234	248	178
Dec	1,555	1,106	683	475	129	87		

CHART X RESIDENTIAL BUILDING PERMITS INDICATORS


28. DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER) SIX MONTH MOVING AVERAGE

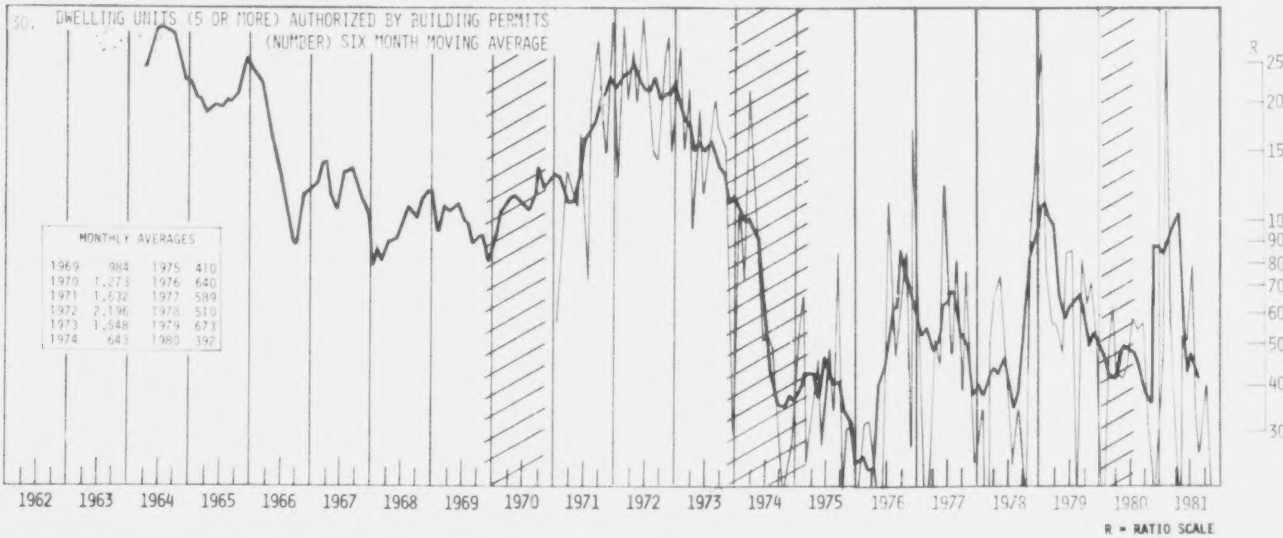
MONTHLY AVERAGES

1969	2,843	1975	1,668
1970	2,974	1976	2,323
1971	4,044	1977	2,414
1972	4,810	1978	2,686
1973	3,683	1979	2,546
1974	1,884	1980	1,672


29. DWELLING UNITS (SINGLE) AUTHORIZED BY BUILDING PERMITS (NUMBER) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

1969	1,564	1975	1,118
1970	1,471	1976	1,440
1971	2,058	1977	1,599
1972	2,208	1978	1,917
1973	1,854	1979	1,630
1974	1,081	1980	1,085


30. DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (NUMBER) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

1969	984	1975	410
1970	1,273	1976	640
1971	1,632	1977	589
1972	2,196	1978	510
1973	1,548	1979	673
1974	643	1980	392

TABLE XI TRADE INDICATORS

31. SALES OF RETAIL STORES ($000,000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1,834	2,042	2,310	2,518	2,385	2,593	2,597	2,771
Feb	1,776	2,036	2,234	2,557	2,402	2,614	2,465	2,818
Mar	2,077	2,080	2,545	2,532	2,529	2,610	2,731	2.832
Apr	2,073	2,153	2,400	2,515	2,501	2,568	2,784	2,855
May	2,238	2,209	2,507	2,482	2,658	2,588	2,837	2,825
Jun	2,306	2,249	2,460	2,404	2,557	2,609	2,786	2,779
Jul	2,165	2,263	2,345	2,467	2,585	2,666	2,728	2,780
Aug	2,242	2,283	2,452	2,480	2,579	2,658	2,753	2,875
Sep	2,181	2,277	2,307	2,502	2,482	2,648	2,739	2,926
Oct	2,340	2,423	2,457	2,493	2,696	2,695	2,787r	2,768r
Nov	2,645	2,513	2,678	2,499	2,791	2,684	2,852p	2,757p
Dec	3,606	2,778	3,332	2,580	3,597	2,733		

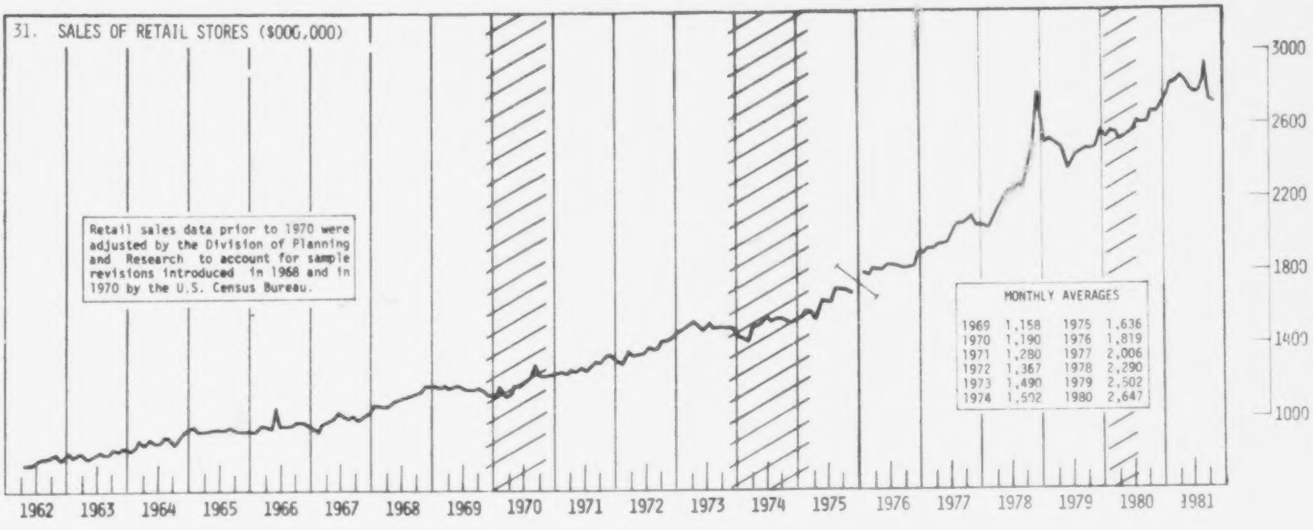
32. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)

Date	1978 Adjusted	1979 Adjusted	1980 Adjusted	1981 Adjusted
Jan	1,139	1,303	1,187	1,152
Feb	1,130	1,305	1,179	1,154
Mar	1,146	1,283	1,158	1,155
Apr	1,177	1,256	1,131	1,159
May	1,198	1,225	1,134	1,144
Jun	1,207	1,172	1,132	1,118
Jul	1,205	1,191	1,151	1,111
Aug	1,217	1,190	1,139	1,140
Sep	1,205	1,189	1,129	1,147
Oct	1,276	1,179	1,144	1,086r
Nov	1,315	1,172	1,134	1,085p
Dec	1,448	1,200	1,147	

33. NEW PASSENGER CAR REGISTRATIONS (number)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	30,596	31,956	35,441	34,898	35,562	36,597	29,079	28,846
Feb	24,703	28,139	29,477	33,660	33,215	36,834	23,732	27,182
Mar	33,628	32,915	37,640	34,717	40,687	39,421	31,180	30,597
Apr	31,789	36,341	30,702	33,258	33,610	36,359	29,314	30,743
May	50,777	46,471	31,584	30,263	35,451	33,009	24,929	26,456
Jun	47,326	37,998	43,507	35,611	32,865	27,958	30,523	23,494
Jul	42,040	37,651	38,083	34,435	34,625	30,320	29,656	26,154
Aug	42,699	36,567	38,683	33,323	34,196	32,145	28,465	24,807
Sep	33,485	37,965	27,721	34,303	28,970	30,457	31,599	36,637
Oct	34,860	37,239	35,989	35,392	32,360	32,843	27,683	26,882
Nov	32,221	38,246	27,539	32,204	23,380	30,926	17,477	21,832
Dec	32,725	36,530	26,118	27,206	31,229	30,955	23,414	24,014

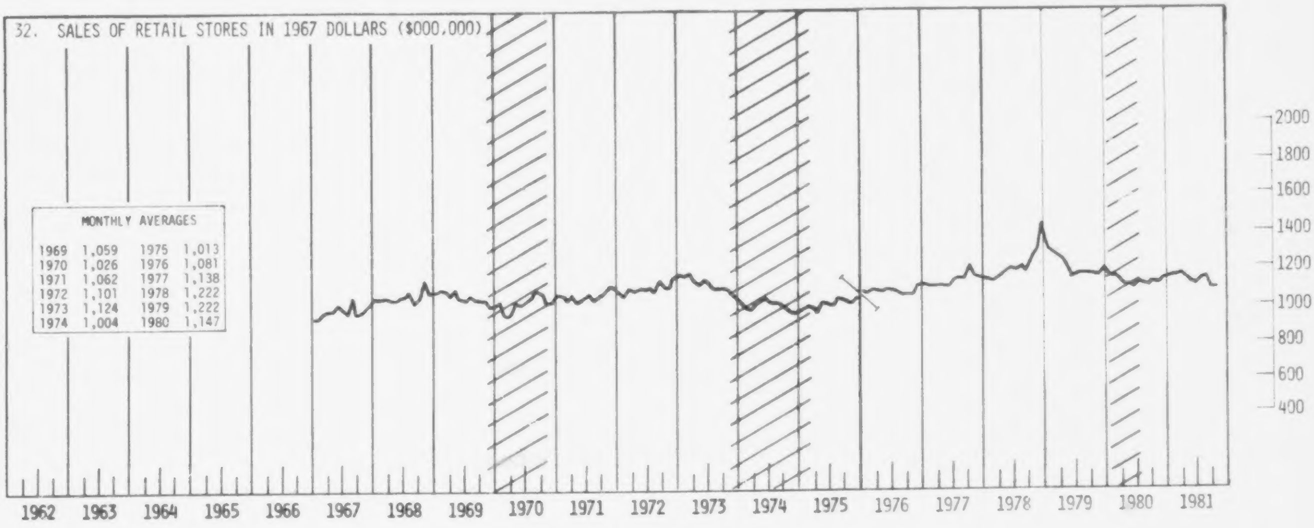
CHART XI TRADE INDICATORS


31. SALES OF RETAIL STORES ($000,000)

Retail sales data prior to 1970 were adjusted by the Division of Planning and Research to account for sample revisions introduced in 1968 and in 1970 by the U.S. Census Bureau.

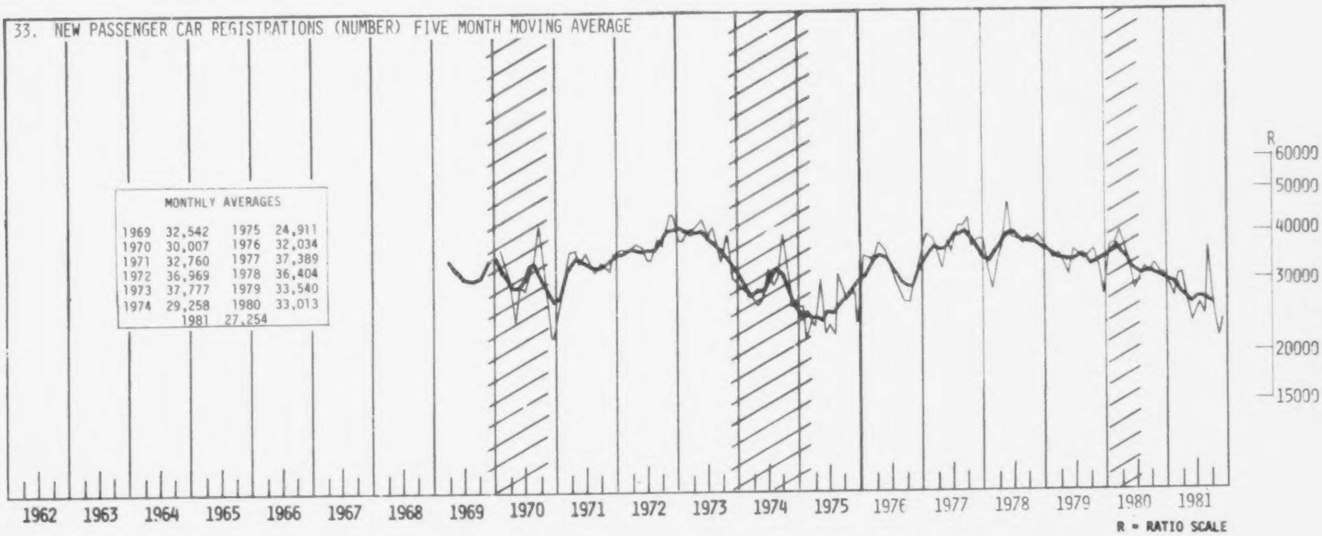
MONTHLY AVERAGES

1969	1,158	1975	1,636
1970	1,190	1976	1,819
1971	1,280	1977	2,006
1972	1,367	1978	2,290
1973	1,490	1979	2,502
1974	1,502	1980	2,647


32. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)

MONTHLY AVERAGES

1969	1,059	1975	1,013
1970	1,026	1976	1,081
1971	1,062	1977	1,138
1972	1,101	1978	1,222
1973	1,124	1979	1,222
1974	1,004	1980	1,147


33. NEW PASSENGER CAR REGISTRATIONS (NUMBER) FIVE MONTH MOVING AVERAGE

MONTHLY AVERAGES

1969	32,542	1975	24,911
1970	30,007	1976	32,034
1971	32,760	1977	37,389
1972	36,969	1978	36,404
1973	37,777	1979	33,540
1974	29,258	1980	33,013
	1981	27,254	

R = RATIO SCALE

TABLE XII LABOR MARKET INDICATORS

34. NONFARM JOB OPENINGS RECEIVED (number) by New Jersey Employment Service

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	11,530	13,536	19,462	21,685	21,337	23,406	15,617	17,693
Feb	13,180	16,393	14,469	18,062	22,782	27,249	14,092	17,610
Mar	18,514	16,647	20,646	18,890	22,229	20,815	19,788	18,124
Apr	16,137	17,409	18,087	19,121	20,727	20,685	17,465	17,600
May	17,383	16,883	23,967	22,867	21,982	21,509	18,850	18,774
Jun	17,534	18,042	17,107	18,166	16,342	17,806	14,713	15,597
Jul	17,602	17,876	15,109	15,231	19,960	19,546	14,862	14,561
Aug	25,674	20,243	20,453	16,360	20,558	17,334	13,502	11,528
Sep	22,928	19,687	17,961	15,980	26,980	23,225	15,391	12,954
Oct	23,563	21,634	24,981	22,272	18,989	16,941	15,295	14,083
Nov	22,805	24,357	16,138	17,240	16,286	17,995	11,284	12,341
Dec	16,626	19,914	16,092	19,372	16,069	18,260		

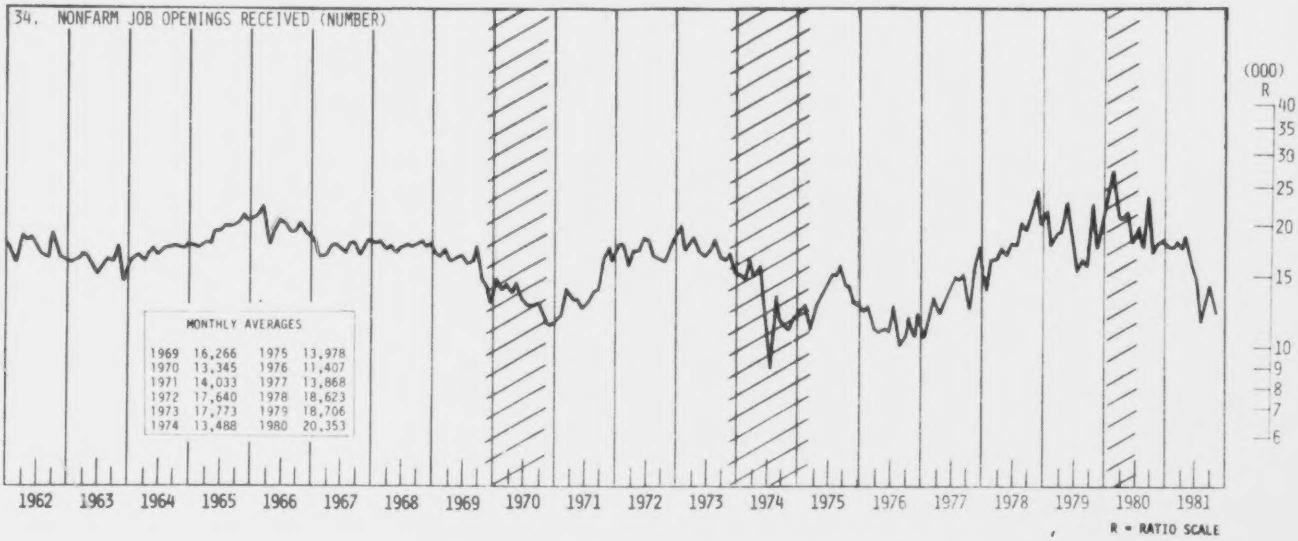
35. NONFARM JOB PLACEMENTS (number) made by New Jersey Employment Service

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	7,946	9,617	11,806	13,417	12,963	14,450	11,281	12,840
Feb	8,591	10,350	10,157	12,057	13,116	14,595	11,086	13,030
Mar	12,617	10,828	13,292	11,703	14,150	13,122	15,017	13,617
Apr	10,178	11,233	11,152	12,161	13,310	13,533	10,594	10,908
May	10,281	10,241	13,962	13,610	13,936	13,750	12,271	12,346
Jun	10,394	10,527	11,584	12,154	10,504	11,628	10,735	11,498
Jul	11,286	11,468	9,781	10,065	12,143	12,124	9,824	9,726
Aug	14,542	12,166	11,995	10,187	13,331	12,015	10,046	9,333
Sep	15,128	12,916	10,215	8,968	21,725	18,272	11,647	9,513
Oct	12,042	12,054	15,393	14,853	13,799	13,189	11,917	11,728
Nov	14,379	14,254	12,404	12,017	10,048	10,101	8,969	9,006
Dec	11,875	13,274	10,492	12,131	11,448	12,497		

36. WEEKS CLAIMED - WEEKLY AVERAGE (000)

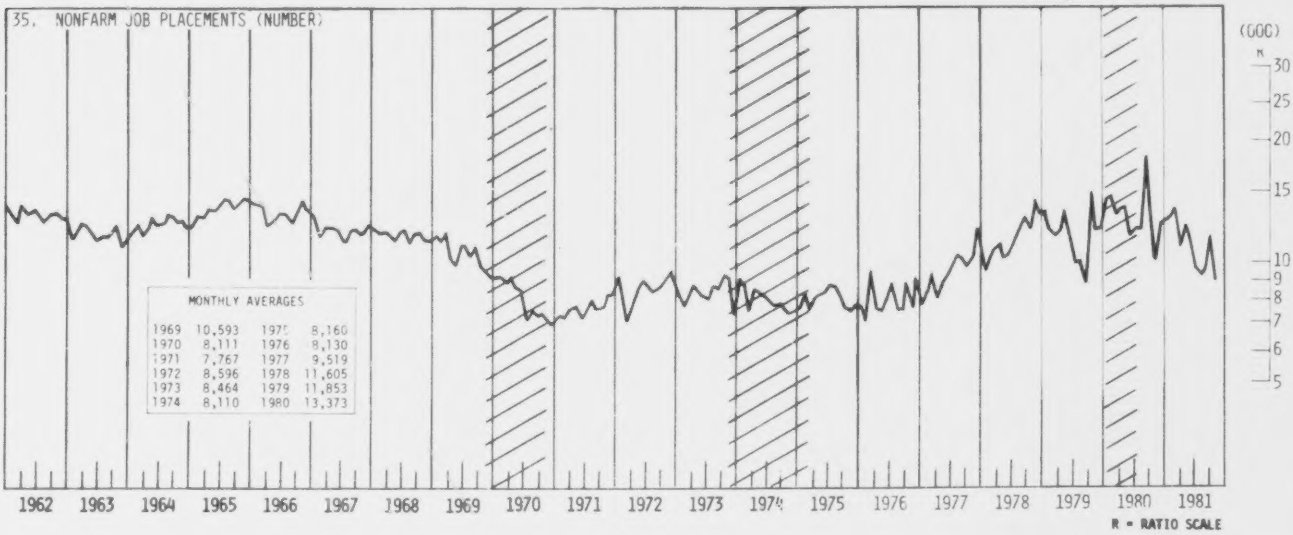
Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	143.1	116.7	151.0	123.7	155.8	127.9	158.4	130.0
Feb	149.2	117.6	158.3	125.2	155.1	122.7	154.2	122.0
Mar	138.8	117.4	148.7	126.0	145.3	123.1	147.2	124.7
Apr	117.4	112.8	128.3	124.3	137.7	134.0	127.7	124.3
May	104.1	110.8	114.1	122.1	130.5	140.0	115.1	123.5
Jun	100.9	114.2	106.5	121.3	128.6	146.9	108.4	123.8
Jul	115.7	123.1	119.1	125.9	142.3	149.8	121.0	127.3
Aug	112.5	122.6	119.2	129.0	136.0	146.6	117.9	127.0
Sep	98.3	118.8	105.7	127.5	118.7	143.1	105.8	127.5
Oct	99.5	118.9	106.2	126.6	117.1	139.7	103.6	123.5
Nov	108.7	119.3	117.3	128.5	120.2	131.7	116.8	128.1
Dec	128.2	123.0	131.7	126.2	132.5	127.1	141.9	136.1

CHART XII LABOR MARKET INDICATORS



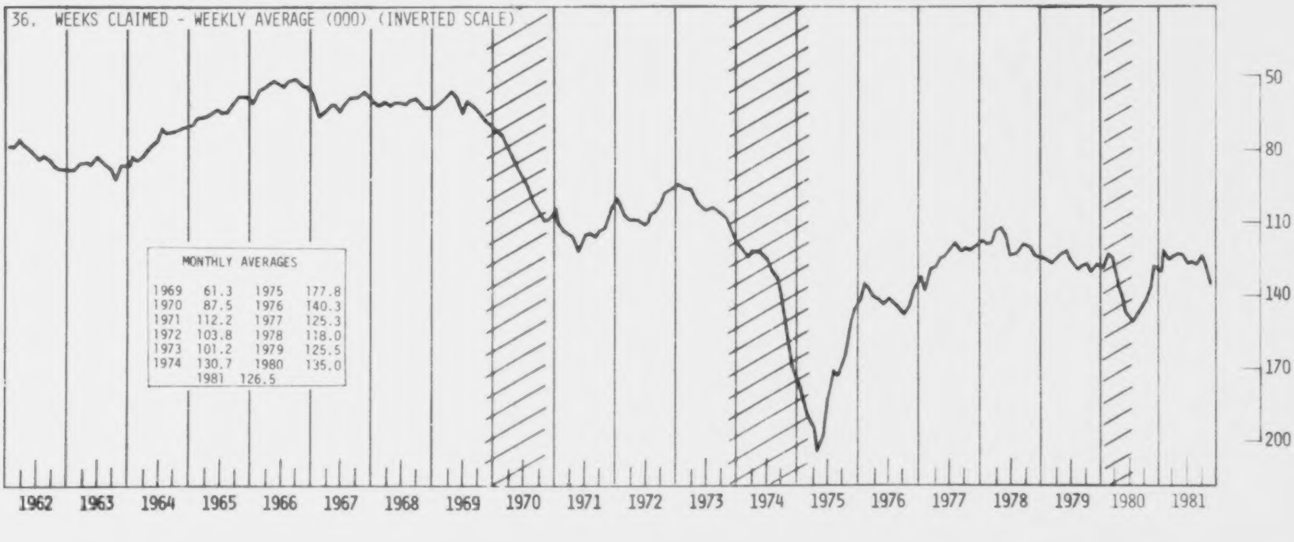
MONTHLY AVERAGES

1969	16,266	1975	13,978
1970	13,345	1976	11,407
1971	14,033	1977	13,868
1972	17,640	1978	18,623
1973	17,773	1979	18,706
1974	13,488	1980	20,353



MONTHLY AVERAGES

1969	10,593	1975	8,160
1970	8,111	1976	8,130
1971	7,767	1977	9,519
1972	8,596	1978	11,605
1973	8,464	1979	11,853
1974	8,110	1980	13,373



MONTHLY AVERAGES

1969	61.3	1975	177.8
1970	87.5	1976	140.3
1971	112.2	1977	125.3
1972	103.8	1978	118.0
1973	101.2	1979	125.5
1974	130.7	1980	135.0
	1981	126.5	

TABLE XIII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS - I

37. INSURED UNEMPLOYMENT RATE (%)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	6.30	5.14	5.92	4.85	5.42	4.45	5.42	4.45
Feb	6.57	5.18	6.21	4.91	5.40	4.27	5.28	4.17
Mar	6.11	5.17	5.83	4.94	5.06	4.29	5.04	4.27
Apr	5.13	4.93	4.81	4.66	4.77	4.64	4.37	4.25
May	4.55	4.85	4.27	4.57	4.52	4.85	3.94	4.22
Jun	4.41	5.00	3.99	4.54	4.45	5.09	3.70	4.23
Jul	5.02	5.34	4.25	4.49	4.91	5.16	4.12	4.34
Aug	4.88	5.32	4.25	4.60	4.69	5.05	4.02	4.33
Sep	4.26	5.15	3.77	4.55	4.09	4.93	3.61	4.35
Oct	4.12	4.92	3.72	4.44	4.02	4.79	3.53	4.21
Nov	4.50	4.94	4.11	4.51	4.12	4.52	3.98	4.36
Dec	5.31	5.09	4.62	4.43	4.54	4.36	4.83	4.64

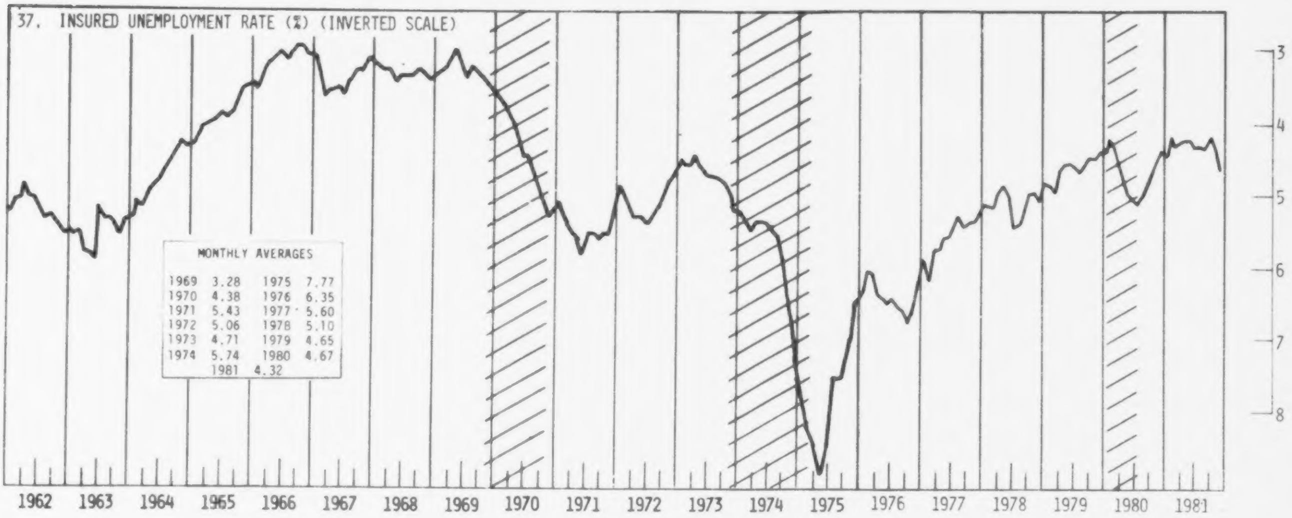
38. INITIAL CLAIMS WEEKLY AVERAGE (number)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	19,947	14,108	20,913	15,216	19,898	15,062	20,272	15,243
Feb	13,877	13,427	16,275	15,917	16,193	15,396	14,297	14,020
Mar	12,537	13,903	14,365	15,924	15,164	16,132	13,126	13,805
Apr	11,641	13,261	16,475	17,592	16,278	18,641	12,587	14,288
May	10,917	13,442	12,274	15,787	16,539	21,174	11,821	15,161
Jun	15,611	15,142	16,670	16,092	20,648	18,496	15,512	13,980
Jul	16,393	14,817	17,989	15,930	17,923	16,778	15,719	14,705
Aug	11,237	14,113	12,747	15,883	13,781	17,062	11,650	13,797
Sep	10,791	13,642	12,920	16,482	12,514	15,290	12,200	15,892
Oct	13,591	14,512	14,833	16,264	13,258	15,133	13,845	15,295
Nov	14,024	14,817	16,095	16,647	13,829	14,486	16,740	16,547
Dec	20,175	14,839	22,542	15,974	20,125	14,492	22,934	17,147

39. UNEMPLOYMENT INSURANCE EXHAUSTIONS (number)

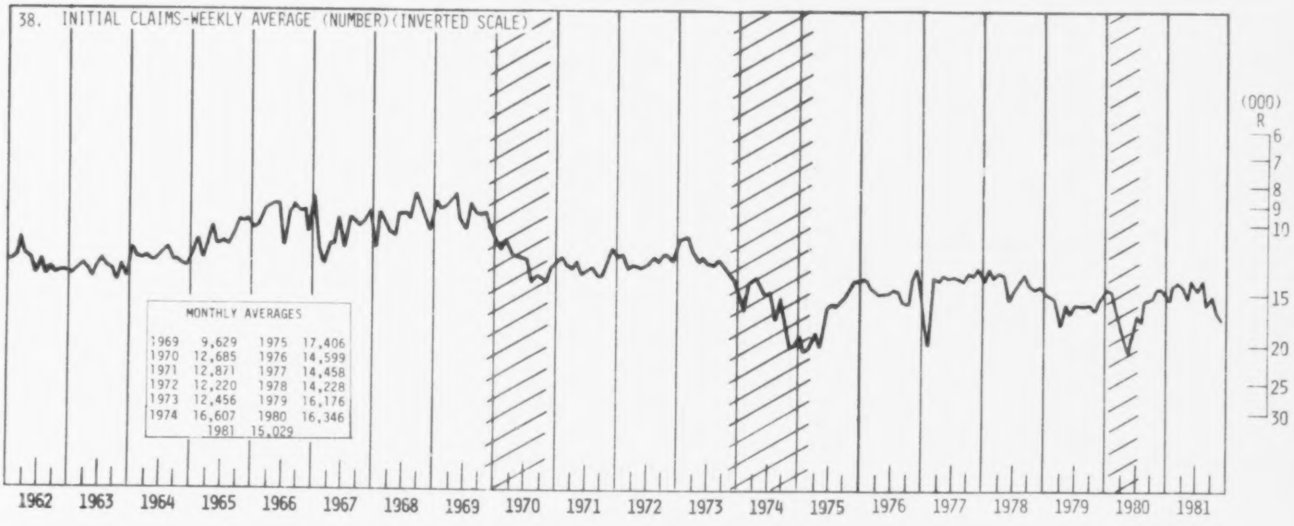
Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	14,348	12,875	13,393	12,018	12,754	11,388	14,458	12,967
Feb	12,134	11,737	12,204	11,629	13,181	12,494	14,121	13,366
Mar	14,048	11,515	14,597	11,920	14,712	12,013	17,165	14,027
Apr	11,934	10,764	13,452	12,231	15,526	14,045	16,897	15,311
May	12,284	11,541	12,979	12,114	13,336	12,309	14,009	12,965
Jun	9,984	10,525	10,750	11,592	11,836	12,809	12,543	13,616
Jul	10,217	10,205	12,146	12,291	12,997	13,263	13,349	13,619
Aug	10,445	10,711	11,206	11,600	10,826	11,249	11,760	12,249
Sep	8,602	10,706	9,173	11,546	11,571	14,635	11,624	14,666
Oct	9,510	11,045	12,248	14,080	13,056	14,997	11,831	13,544
Nov	9,560	10,755	11,367	12,650	11,732	12,937	11,387	12,590
Dec	10,677	10,861	11,981	11,636	15,816	16,205	15,089	15,474

CHART XIII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS — I


37. INSURED UNEMPLOYMENT RATE (%) (INVERTED SCALE)

MONTHLY AVERAGES

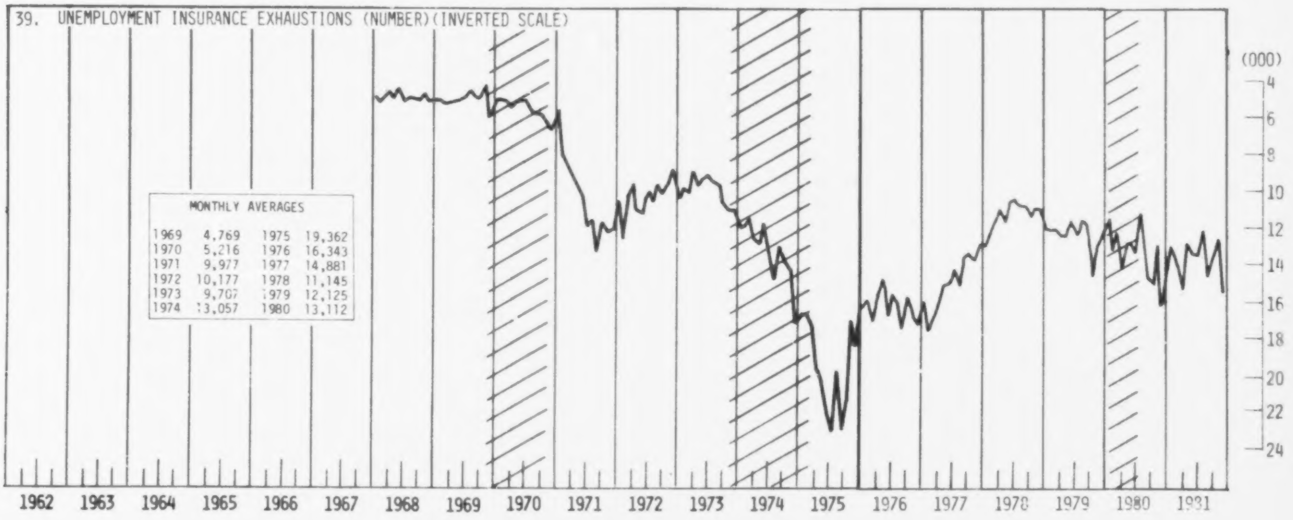
1969	3.28	1975	7.77
1970	4.38	1976	6.35
1971	5.43	1977	5.60
1972	5.06	1978	5.10
1973	4.71	1979	4.65
1974	5.74	1980	4.67
1981	4.32		


38. INITIAL CLAIMS-WEEKLY AVERAGE (NUMBER)(INVERTED SCALE)

MONTHLY AVERAGES

1969	9,629	1975	17,406
1970	12,685	1976	14,599
1971	12,871	1977	14,458
1972	12,220	1978	14,228
1973	12,456	1979	16,176
1974	16,607	1980	16,346
1981	15,029		

R = RATIO SCALE


39. UNEMPLOYMENT INSURANCE EXHAUSTIONS (NUMBER)(INVERTED SCALE)

MONTHLY AVERAGES

1969	4,769	1975	19,362
1970	5,216	1976	16,343
1971	9,977	1977	14,881
1972	10,177	1978	11,145
1973	9,707	1979	12,125
1974	13,057	1980	13,112

TABLE XIV UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS - II

40. INSURED UNEMPLOYMENT IN MANUFACTURING (000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	50.7	39.4	52.3	41.1	56.7	44.8	59.8	47.0
Feb	49.6	41.5	47.5	40.1	52.1	44.1	52.3	44.3
Mar	43.2	40.0	46.0	42.8	48.5	45.2	50.0	46.6
Apr	42.2	39.4	44.8	42.2	49.6	46.9	45.3	42.8
May	39.0	39.6	41.8	42.6	50.3	51.3	40.0	40.8
Jun	40.0	42.3	37.1	39.2	51.8	54.5	35.8	37.7
Jul	44.0	43.8	37.1	36.7	58.1	57.1	39.5	38.8
Aug	35.5	40.1	37.8	42.6	55.8	62.9	40.8	45.9
Sep	31.8	39.7	34.4	43.0	43.9	55.0	32.1	40.1
Oct	34.0	40.0	37.7	44.3	46.6	54.8	34.2	40.2
Nov	32.0	36.8	39.0	44.7	47.4	54.4	38.7	44.3
Dec	44.8	42.4	48.6	45.7	50.2	46.9	50.7	47.5

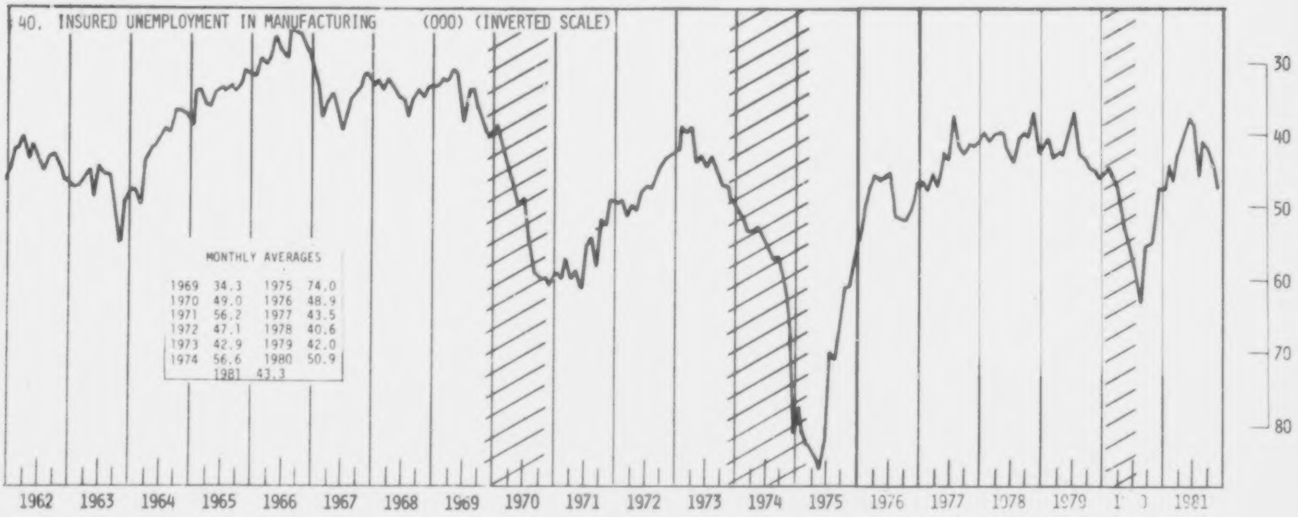
41. INSURED UNEMPLOYMENT IN CONSTRUCTION (000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	14.2	11.3	12.6	10.3	15.3	12.6	20.8	17.0
Feb	25.9	13.1	23.2	11.6	24.0	11.8	24.5	12.1
Mar	24.4	12.5	22.9	11.5	27.4	13.6	22.4	11.1
Apr	16.1	11.6	15.7	11.1	22.6	15.8	16.2	11.3
May	10.8	10.8	10.6	10.6	16.3	16.3	12.0	12.0
Jun	7.7	10.6	7.6	10.4	11.8	16.4	8.9	12.3
Jul	5.7	8.7	6.7	10.3	10.6	16.4	7.9	12.1
Aug	6.2	11.4	6.5	12.0	7.9	14.6	6.7	12.4
Sep	5.1	9.2	6.1	11.3	6.5	12.1	6.4	12.0
Oct	5.3	9.1	6.5	11.7	7.0	12.7	6.6	12.0
Nov	4.6	8.0	5.9	10.5	7.4	13.1	7.0	12.5
Dec	7.9	10.6	8.7	11.8	9.5	12.9	10.0	13.6

42. INSURED UNEMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES (000)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	58.1	51.3	60.0	53.4	56.1	49.8	67.0	59.5
Feb	56.0	51.0	57.3	52.4	59.5	54.2	67.8	61.7
Mar	51.1	47.8	57.5	54.0	56.8	53.7	63.3	59.9
Apr	50.3	50.5	52.6	53.2	53.9	55.0	57.5	58.9
May	48.7	51.6	49.0	52.1	54.0	57.5	52.9	56.7
Jun	48.8	53.1	47.7	52.2	53.9	59.0	51.0	56.1
Jul	54.6	53.4	54.9	53.3	63.0	60.9	62.0	60.1
Aug	57.6	53.6	61.0	56.0	66.3	60.5	62.4	56.8
Sep	44.4	50.5	51.1	57.7	55.8	62.7	55.8	62.8
Oct	45.9	51.2	49.9	55.5	56.6	63.0	52.4	58.3
Nov	47.1	50.6	49.3	52.8	57.8	62.1	57.6	61.9
Dec	57.4	55.2	55.5	52.9	60.9	58.3	64.0	61.2

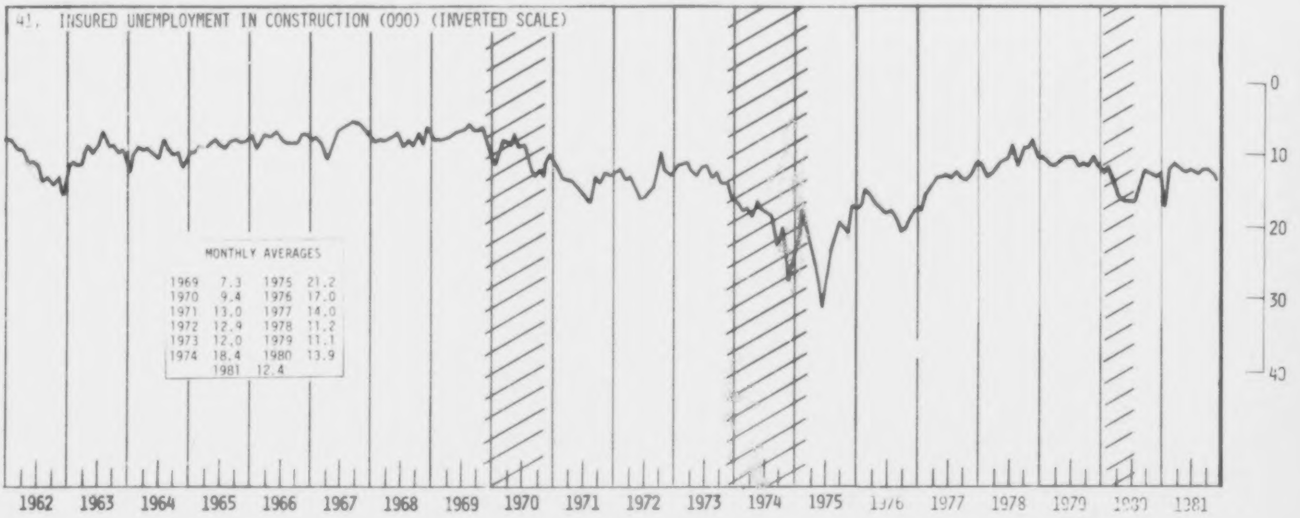
CHART XIV UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS — II



40. INSURED UNEMPLOYMENT IN MANUFACTURING (000) (INVERTED SCALE)

MONTHLY AVERAGES

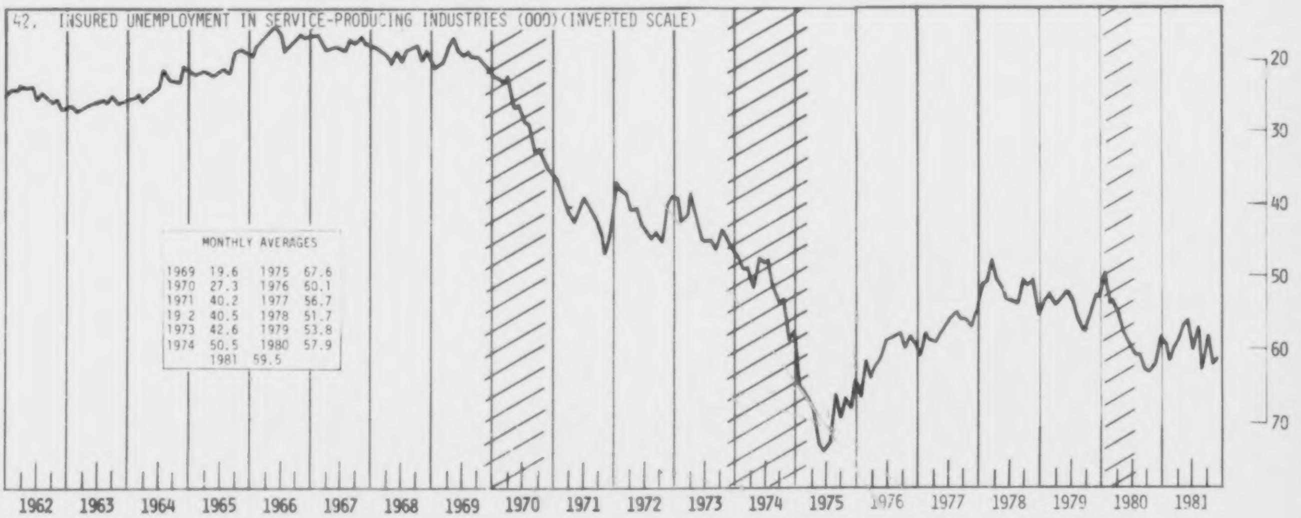
1969	34.3	1975	74.0
1970	49.0	1976	48.9
1971	56.2	1977	43.5
1972	47.1	1978	40.6
1973	42.9	1979	42.0
1974	56.6	1980	50.9
1981	43.3		



41. INSURED UNEMPLOYMENT IN CONSTRUCTION (000) (INVERTED SCALE)

MONTHLY AVERAGES

1969	7.3	1975	21.2
1970	9.4	1976	17.0
1971	13.0	1977	14.0
1972	12.9	1978	11.2
1973	12.0	1979	11.1
1974	18.4	1980	13.9
1981	12.4		



42. INSURED UNEMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES (000)(INVERTED SCALE)

MONTHLY AVERAGES

1969	19.6	1975	67.6
1970	27.3	1976	60.1
1971	40.2	1977	56.7
1972	40.5	1978	51.7
1973	42.6	1979	53.8
1974	50.5	1980	57.9
1981	59.5		

NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY
(thousands)

	1980	1981											
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SEASONALLY ADJUSTED													
TOTAL NONAGRICULTURAL	3073.3	3082.2	3094.4	3089.5	3088.9	3071.1	3079.4	3088.3	3081.9	3091.6	3095.9	3097.2	3095.3
PRIVATE SECTOR	2546.8	2556.6	2570.3	2566.0	2568.3	2551.8	2561.7	2574.9	2569.8	2571.7	2575.8	2574.9	2572.4
GOVERNMENT	526.5	525.6	524.1	523.5	520.6	519.3	517.7	513.4	512.1	519.9	520.1	522.3	522.9
NOT SEASONALLY ADJUSTED													
TOTAL NONAGRICULTURAL	3074.8	3016.1	3015.1	3039.0	3070.8	3078.4	3140.7	3138.0	3132.6	3105.5	3107.9	3105.7	3096.3
MANUFACTURING	775.2	770.2	771.1	773.6	774.8	776.7	787.9	773.1	778.5	784.5	779.9	771.5	759.2
Durable Goods	383.2	381.4	380.6	382.7	385.1	383.9	387.9	383.2	379.8	385.7	383.2	377.0	371.9
Lumber & Wood Products	5.7	5.4	5.3	5.3	5.4	5.5	5.5	5.5	5.6	5.5	5.6	5.4	5.4
Furniture & Fixtures	9.6	9.5	9.6	9.5	9.5	9.6	9.8	9.8	10.1	10.0	9.9	9.8	9.7
Stone, Clay & Glass Products	32.1	31.9	32.0	32.2	32.8	33.0	33.4	33.3	33.5	33.0	32.0	31.1	30.6
Glass & Glassware/pressed, blown	11.6	11.8	11.8	12.0	12.2	12.3	12.6	12.4	12.6	12.6	11.8	11.2	10.9
Pottery & related products	4.3	4.2	4.3	4.3	4.4	4.4	4.4	4.4	4.5	4.4	4.3	4.3	4.3
Other stone, clay & glass prod.	16.2	15.9	15.9	15.9	16.2	16.3	16.4	16.5	16.4	16.0	15.9	15.6	15.4
Primary Metal Industries	26.0	25.7	25.4	25.9	26.3	25.6	25.9	25.9	25.8	26.2	26.0	25.4	24.9
Blast furn. & basic steel prod.	3.4	3.5	3.5	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.3	3.3
Iron & steel foundries	3.5	3.4	3.2	3.4	3.7	3.6	3.6	3.6	3.6	3.7	3.4	3.5	3.3
Primary & secondary nonfer. metal	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.6	3.6	3.6	3.6
Nonfer. rolling & drawing metal	10.2	10.3	10.3	10.5	10.4	9.8	9.9	10.1	10.0	10.2	10.3	10.1	9.9
Other primary metal industries	5.0	4.7	4.7	4.9	5.0	5.1	5.2	5.1	5.0	5.0	5.0	4.9	4.8
Fabricated Metals, incl. Ordnance	59.8	59.4	58.8	59.5	59.7	59.8	60.1	59.1	59.4	60.1	59.4	58.6	58.1
Metal cans	6.3	6.1	6.1	6.2	6.2	6.1	5.9	5.8	5.9	5.9	5.9	5.8	5.7
Cutlery, hand tools & hardware	7.4	7.4	7.2	7.2	7.4	7.4	7.4	7.4	7.2	7.4	7.2	6.8	6.6
Fabricated struct. metal prod.	13.4	13.0	12.8	12.9	12.9	13.0	13.3	12.9	12.8	13.0	12.9	13.1	13.2
Metal stampings	7.3	7.3	7.1	7.3	7.5	7.5	7.5	7.2	7.6	7.7	7.8	7.4	7.3
Other fab. metals, incl. ord.	25.5	25.6	25.6	25.9	25.7	25.8	26.0	26.0	25.9	26.1	25.6	25.5	25.3
Machinery, Except Electrical	75.3	75.1	74.7	74.6	74.5	73.6	73.9	73.2	72.7	72.2	71.7	71.8	71.2
Constrction & related machinery	5.6	5.6	5.5	5.6	5.7	5.9	5.8	5.6	5.6	5.6	5.6	5.6	5.6
Metalworking machinery	9.4	9.4	9.4	9.3	9.2	9.2	9.2	9.1	9.1	9.2	9.2	9.1	9.2
Special industry machinery	11.4	11.4	11.3	11.4	11.4	11.2	11.4	11.3	11.2	11.0	10.9	11.0	10.8
General industry machinery	17.7	17.5	17.3	17.2	17.0	16.6	16.6	16.4	16.2	16.3	16.2	16.0	16.2
Service industry machinery	6.9	6.9	7.0	6.9	7.2	7.1	7.2	7.1	7.1	7.0	6.8	6.9	6.6
Other machinery, except elec.	24.3	24.3	24.2	24.2	24.0	23.6	23.7	23.7	23.5	23.1	23.0	23.2	22.8
Electrical Equipment & Supplies	92.2	92.5	92.6	92.4	92.9	92.6	93.4	92.1	91.7	92.5	92.6	92.2	91.9
Elec. test & distribution equip.	5.0	5.0	5.2	5.2	5.3	5.3	5.3	5.0	5.2	5.4	5.4	5.3	5.3
Electrical industrial apparatus	5.5	5.9	6.0	6.0	6.0	6.0	6.2	6.1	6.0	6.0	5.9	6.0	6.0
Elec. lighting & wiring equipt.	13.0	13.2	13.6	13.7	13.9	14.0	13.9	13.6	13.7	13.7	13.6	13.5	13.2
Radio & TV receiving equipment	4.7	4.8	4.7	4.7	4.7	4.7	4.7	4.8	5.0	5.1	5.0	4.8	4.7
Communication equipment	34.9	34.5	34.4	34.3	34.3	34.3	34.7	34.5	34.1	34.2	34.5	34.5	34.7
Electronic components & access.	21.2	21.3	21.3	21.4	21.6	21.5	21.9	21.6	21.3	21.5	21.7	21.7	21.6
Other elec. equipment & supplies	7.9	7.8	7.4	7.1	7.1	6.8	6.7	6.5	6.4	6.6	6.5	[illegible]	6.4
Transportation Equipment	17.9	18.0	17.7	18.1	18.3	18.1	18.4	17.9	13.5	18.1	18.3	15.5	14.2
Motor vehicles	12.1	12.1	12.0	12.6	12.6	12.6	12.8	12.4	8.1	12.7	12.8	10.2	8.9
Aircraft & parts	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8	2.8
Ship & boat bldg. & repairing	2.3	2.4	2.2	2.1	2.4	2.2	2.3	2.1	2.1	2.1	2.2	2.0	2.0
Other transportation equipment	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Instruments & Related Products	37.1	37.2	37.2	37.5	37.3	37.4	37.8	37.7	37.7	37.8	37.7	37.7	37.5
Miscellaneous Mfg. Industries	27.6	26.7	27.3	27.7	28.4	28.7	29.7	28.7	29.8	30.3	30.0	29.5	28.4
Nondurable Goods	392.0	388.8	390.5	390.9	389.7	392.8	400.0	390.0	398.7	398.8	396.7	394.5	387.3
Food & Kindred Products	50.2	49.2	49.5	49.7	49.0	48.7	49.7	49.1	50.4	50.1	48.9	48.6	48.7
Canned, cured & frozen foods	10.0	9.7	9.9	9.9	9.5	9.6	9.6	9.5	10.4	10.4	9.9	10.0	9.9
Grain mill & bakery products	14.1	13.9	14.1	14.0	13.9	13.8	13.9	14.0	14.1	14.3	14.0	13.8	13.9
Beverages	6.4	6.4	6.3	6.4	6.2	6.4	6.5	6.6	6.6	6.4	5.9	5.9	5.9
Other food & kindred products	19.7	19.2	19.2	19.4	19.4	18.9	19.7	19.0	19.3	19.0	19.1	18.9	19.0
Tobacco Manufactures	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Textile Mill Products	19.6	19.7	19.7	19.9	20.1	20.4	20.7	19.3	20.1	20.8	20.5	19.7	19.0
Broad woven fabric mills	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
Textile finishing, except wool	5.8	5.7	5.8	5.8	5.9	5.8	6.0	5.5	5.7	6.1	6.0	5.8	5.7
Other textile mill products	12.4	12.6	12.5	12.7	12.8	13.2	13.3	12.5	13.1	13.4	13.2	12.6	12.0

See note on page S-33.

NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY
(thousands)

	1980 Dec	1981 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Apparel & Other Textile Products	53.5	53.0	53.4	53.2	53.1	54.7	57.3	53.4	57.5	58.0	58.4	57.4	53.2
Men's & boys' suits and coats	3.6	3.4	3.4	3.2	3.2	3.1	2.9	2.6	3.0	3.0	3.0	2.9	2.9
Men's & boys' furnishings	4.4	3.9	3.8	3.9	4.0	4.1	4.1	3.7	4.2	4.3	4.3	4.3	4.2
Women's & misses' outerwear	26.9	27.3	27.9	27.5	27.2	28.7	30.8	29.2	31.3	31.7	31.6	30.5	26.9
Women's & children's undergarm.	4.0	3.9	3.9	4.0	4.0	3.9	4.0	3.7	4.0	4.1	4.2	4.2	4.1
Other apparel & related products	14.6	14.5	14.4	14.6	14.7	14.9	15.5	14.2	15.0	14.9	15.3	15.5	15.1
Paper & Allied Products	31.5	30.9	31.1	29.8	29.7	30.0	31.2	30.1	31.0	31.0	30.8	30.4	29.9
Paper/p'b'rd mills ex bldg.pap.	3.1	3.1	3.2	2.4	2.4	2.5	3.3	3.2	3.3	3.4	3.3	3.3	3.3
Paperboard containers & boxes	13.3	13.0	13.1	13.0	12.9	12.9	12.8	12.0	12.6	12.7	12.6	12.7	12.5
Other paper & allied products	15.1	14.8	14.8	14.4	14.4	14.6	15.1	14.9	15.1	14.9	14.9	14.4	14.1
Printing & Publishing	55.0	54.0	54.2	54.4	54.4	54.2	54.7	54.3	55.0	54.9	55.0	55.6	55.2
Newspapers	15.2	14.9	14.9	14.7	14.7	14.7	15.0	15.0	14.9	14.9	14.8	14.8	14.9
Commercial printing	15.5	15.2	15.3	15.6	15.5	15.5	15.8	15.3	15.8	16.0	16.2	16.4	16.3
Other printing & publishing	24.2	23.9	24.0	24.1	24.2	24.0	23.9	24.0	24.3	24.0	24.0	24.4	24.0
Chemicals & Allied Products	126.7	126.5	127.0	128.0	126.9	128.0	129.5	128.8	128.7	127.6	127.0	127.3	126.7
Industrial inorganic chemicals	11.4	11.4	11.4	11.3	11.4	11.5	11.5	11.3	11.1	11.0	10.9	11.0	10.9
Plastic materials & synthetics	8.8	8.6	8.7	8.8	8.8	8.9	9.1	9.0	8.9	8.8	8.7	8.6	8.6
Drugs	41.7	41.9	42.0	41.8	41.9	42.0	42.6	42.4	42.5	42.0	42.1	42.3	42.4
Soaps, cleaners & toilet goods	23.6	23.3	23.5	23.7	23.2	23.3	23.7	23.6	23.6	23.5	23.4	23.3	23.1
Paints & allied products	5.2	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.5	5.4	5.4	5.4
Industrial organic chemicals	24.7	24.8	24.6	25.3	24.4	25.1	25.1	25.1	25.1	24.9	24.7	24.8	24.5
Other chemicals & allied prods.	11.3	11.4	11.6	11.8	11.8	11.8	12.0	11.8	11.9	11.9	11.8	11.9	11.8
Petroleum & Coal Products	12.1	12.0	11.9	12.3	12.1	12.0	12.3	12.4	12.4	12.2	12.0	12.0	11.8
Petroleum refining	9.2	9.2	9.2	9.4	9.3	9.1	9.3	9.5	9.5	9.4	9.3	9.3	9.3
Other petroleum & coal products	2.9	2.8	2.7	2.9	2.8	2.9	3.0	2.9	2.9	2.8	2.7	2.7	2.5
Rubber & plastic products, NEC	36.9	37.2	37.3	37.9	37.9	38.3	38.2	37.1	37.4	37.9	37.5	36.9	36.3
Rubber & rubber products	7.1	7.2	7.2	7.2	7.2	7.4	7.3	7.2	7.2	7.4	7.3	7.2	7.2
Miscellaneous plastic products	29.8	30.0	30.1	30.7	30.7	30.9	30.9	29.9	30.2	30.5	30.2	29.7	29.1
Leather & Leather Products	6.1	6.0	6.1	6.2	6.4	6.2	6.1	5.2	5.9	6.0	6.3	6.3	6.2
Handbags, personal leather goods	2.7	2.5	2.6	2.6	2.5	2.5	2.4	1.8	2.3	2.4	2.6	2.6	2.6
Other leather & leather products	3.4	3.5	3.5	3.6	3.7	3.7	3.7	3.4	3.6	3.6	3.7	3.7	3.6
NONMANUFACTURING	2299.6	2245.9	2244.0	2265.4	2296.0	2301.7	2352.8	2364.8	2354.1	2321.0	2328.0	2334.2	2337.1
Mining	2.4	2.2	2.2	2.3	2.3	2.3	2.2	2.4	2.3	2.4	2.3	2.3	2.3
Construction	110.4	101.3	99.0	105.4	114.3	102.7	112.9	119.7	118.7	117.3	118.0	116.9	112.1
Transportation, Communications, Electric, Gas & Sanitary Services	189.0	187.4	187.8	188.9	188.2	188.9	191.6	188.9	188.6	192.6	194.7	194.1	194.2
Railroad transportation	7.2	7.0	6.9	6.9	6.9	6.3	6.7	6.6	6.4	6.6	6.6	6.4	6.4
Other transportation	102.5	100.9	101.3	102.3	101.6	102.6	103.8	100.9	101.2	104.2	104.2	103.9	103.9
Communications	53.8	53.8	53.9	53.8	53.9	54.1	54.5	54.6	54.5	55.5	57.6	57.5	57.5
Electric, Gas & Sanitary serv.	25.6	25.7	25.7	25.9	25.8	25.9	26.6	26.8	26.5	26.3	26.3	26.3	26.4
Wholesale & Retail Trade	696.3	662.9	659.3	660.8	672.8	682.0	697.5	694.5	693.7	692.5	687.9	692.4	703.1
Wholesale trade	200.4	199.8	199.4	199.3	199.6	199.7	201.4	201.3	201.6	202.0	201.8	201.2	201.2
Retail trade	495.8	463.1	459.9	461.5	473.2	482.3	496.1	493.2	492.1	490.5	486.1	491.2	501.9
Retail general merchandise	85.9	75.6	73.8	72.6	73.1	72.9	73.2	72.8	72.6	74.4	76.6	80.3	86.2
Food stores	81.5	80.0	81.4	80.7	82.5	83.0	84.7	84.4	84.6	84.0	84.4	85.1	85.3
Auto dealers & service sta.	47.4	46.9	46.2	45.9	46.1	45.9	45.9	45.7	45.6	45.6	45.9	45.8	45.6
Apparel & accessories	45.9	39.6	38.2	38.1	38.8	38.7	39.2	38.4	38.3	40.2	40.3	41.4	43.9
Eating & drinking places	124.9	119.1	119.5	123.1	130.2	138.3	148.1	147.7	147.3	142.3	133.7	130.9	130.2
Other retail trade	110.3	101.9	100.8	101.1	102.5	103.5	105.0	104.2	103.7	104.0	105.2	107.7	110.7
Finance, Insurance & Real Estate	157.5	156.2	155.8	155.7	156.5	157.3	160.1	161.7	161.7	158.8	158.7	158.6	158.5
Banking	45.7	45.3	45.3	45.6	45.7	46.0	46.9	47.4	47.4	46.5	46.7	47.0	47.1
Insurance agents & carriers	65.7	65.4	65.2	65.0	65.0	64.9	65.3	65.8	65.7	65.1	65.6	65.6	65.4
Other fin., insur. & real estate	46.1	45.5	45.3	45.1	45.8	46.4	47.9	48.5	48.6	47.2	46.4	46.0	46.0
Services	617.2	613.9	616.4	627.0	638.9	647.3	665.5	674.1	672.7	657.2	650.3	646.7	643.7
Medical & other health services	169.7	170.5	171.4	171.9	171.7	171.9	173.8	174.3	174.3	173.7	174.4	175.0	175.4
Hospitals	96.5	97.5	97.8	98.2	97.8	97.8	99.1	99.8	100.0	99.5	100.2	100.8	100.9
Educational services	41.9	41.1	42.1	42.6	42.9	42.7	41.7	39.8	39.0	41.5	44.8	45.1	45.1
Other services	405.6	402.3	402.9	412.5	424.3	432.7	450.0	460.0	459.4	442.0	431.1	426.6	423.2
Government	526.8	522.0	523.5	525.3	523.0	521.2	523.0	523.5	516.4	500.2	516.1	523.2	523.2
Federal	73.1	72.5	72.2	72.0	72.2	71.7	72.3	72.8	72.2	71.4	71.7	72.0	72.1
State	101.2	99.8	101.5	101.8	101.5	101.6	101.2	100.6	101.6	103.4	106.3	106.5	106.2
Local	352.5	349.7	349.8	351.5	349.3	347.9	349.5	350.1	342.6	325.4	338.1	344.7	344.9

NOTE: Nonagricultural wage and salary workers include civilians on nonfarm establishment payrolls who worked or received pay for any part of the pay period including the 12th of the month. It excludes proprietors, self-employed, unpaid family workers, and domestics in private households.

AVERAGE WEEKLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

	1980 Nov	Dec	1981 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
TOTAL MANUFACTURING	313.88	317.98	314.98	314.57	317.34	316.71	319.90	321.91	318.79	320.74	326.42	328.44	330.46
Durable Goods	320.44	325.50	327.51	324.66	328.27	324.77	327.22	331.27	327.24	329.26	339.07	340.31	341.55
Lumber & Wood Products	191.44	193.90	182.47	187.62	190.90	203.68	195.22	202.19	191.08	194.30	202.80	207.47	198.82
Furniture & Fixtures	212.58	223.74	218.24	214.98	215.62	218.37	217.63	225.22	223.38	222.27	233.17	249.31	230.87
Stone, Clay & Glass Products	328.72	338.06	336.94	339.78	334.53	345.69	353.62	378.00	346.83	359.52	358.20	353.87	361.57
Glass & glassware pressed,blown	339.67	358.39	352.66	351.35	343.36	375.76	368.08	369.78	358.26	371.95	379.26	377.15	376.21
Pottery & related products	294.67	297.22	278.26	293.72	280.01	273.78	275.94	274.43	284.16	283.32	256.04	277.84	280.49
Primary Metal Industries	336.04	339.35	349.33	322.79	352.13	333.06	340.77	341.20	342.86	354.12	359.72	362.82	369.41
Blast furn. & basic steel prod.	394.24	408.39	395.84	420.83	449.82	425.85	443.98	412.97	432.06	456.63	453.28	438.75	442.71
Iron & Steel foundries	328.95	330.78	322.15	330.31	333.08	307.69	305.95	328.19	318.28	315.84	326.80	353.92	356.16
Primary & secondary nonfer. met	433.50	422.73	480.81	437.42	447.02	452.92	452.66	446.83	446.83	501.56	475.35	475.23	475.23
Nonfer rolling & drawing metals	301.92	312.57	317.62	324.80	320.81	296.96	309.40	306.60	306.16	311.87	325.75	329.59	339.09
Fabricated Metals, incl. Ordnance	317.75	321.31	319.06	320.66	324.31	319.98	324.36	330.05	324.42	327.24	331.29	332.91	331.27
Metal cans*	326.90	335.40	347.85	360.59	339.50	350.95	348.80	343.20	334.14	365.71	375.44	344.54	372.53
Cutlery, hand tools & hardware	431.42	415.17	381.74	386.90	416.15	397.60	405.49	417.18	421.25	417.96	394.74	411.34	403.65
Fabricated struct. metal prod.	283.72	302.00	305.31	301.04	305.16	301.45	315.21	317.34	311.55	299.92	316.80	327.61	325.21
Metal Stampings	294.18	293.60	295.81	292.43	299.65	303.79	308.90	319.20	309.67	313.56	311.85	312.42	315.51
Machinery, Except Electrical	368.07	378.45	374.82	370.35	383.49	376.97	380.64	378.07	370.87	376.89	386.78	396.48	404.81
Construction & related machinery	387.71	389.58	390.86	400.79	411.51	402.17	391.64	405.01	377.95	400.93	390.29	428.67	428.28
Metalworking machinery	361.45	359.35	351.74	353.07	363.15	359.93	368.94	373.67	359.84	353.18	366.66	373.51	386.53
Special industry machinery	375.91	377.11	391.39	380.75	392.93	390.47	393.62	391.35	377.10	356.54	386.73	392.50	401.84
General industry machinery	415.35	456.52	430.29	423.29	432.00	413.51	419.83	428.86	425.14	432.14	447.28	450.43	446.84
Service industry machinery*	274.40	262.44	262.20	255.87	288.88	299.25	305.10	296.80	294.81	288.70	300.69	309.27	297.45
Electrical Equipment & Supplies	283.61	286.03	289.17	283.20	285.19	283.51	286.31	293.22	291.93	300.29	301.10	305.72	314.83
Elec. test & distribution equip.	271.26	278.93	280.15	259.37	268.75	265.65	272.55	271.88	274.66	275.84	279.84	298.79	319.68
Electrical industrial apparatus	262.25	267.74	260.95	272.54	272.02	258.02	258.02	260.30	241.49	259.18	247.44	251.85	259.86
Elec. lighting & wiring equip.	239.19	240.31	237.60	237.80	237.79	233.24	237.73	245.62	239.07	239.95	246.88	247.27	243.95
Radio & TV receiving equipment	238.24	242.94	217.26	206.31	213.62	222.22	203.96	231.26	235.41	240.53	224.40	236.47	247.78
Communication equipment	363.10	364.10	378.83	365.93	368.94	374.52	377.11	382.37	388.51	407.53	413.91	418.30	427.71
Electronic components & access.	242.76	239.00	250.04	251.72	254.82	248.69	250.58	259.12	256.10	260.80	258.72	255.69	261.62
Transportation Equipment	472.48	555.83	485.76	479.60	471.71	457.13	449.60	459.53	454.98	446.22	523.88	481.64	447.12
Motor vehicles & equipment	491.50	613.16	513.32	518.43	501.38	482.89	474.21	482.72	476.95	477.12	560.81	500.20	460.20
Aircraft & parts*	422.01	427.19	427.60	437.00	443.99	444.82	467.05	482.28	496.64	463.14	470.82	496.13	475.09
Ship & boat building & repairing	424.46	351.16	398.82	315.27	328.41	348.84	314.84	337.42	312.76	335.54	361.95	380.24	378.81
Instruments & Related Products	328.87	333.59	335.07	339.10	338.98	337.98	342.24	346.80	340.70	343.21	346.11	348.18	351.96
Miscellaneous Mfg. Industries	236.02	240.77	244.11	233.01	241.40	240.37	240.56	244.21	249.38	247.78	240.24	247.85	250.51
Nondurable Goods	302.99	300.70	302.25	304.62	307.34	308.33	311.85	313.07	310.42	312.66	314.74	316.71	320.66
Food & Kindred Products	329.47	315.38	321.12	333.63	328.39	330.42	336.15	330.08	326.83	332.51	345.68	352.70	368.92
Canned, cured & frozen foods	286.79	285.91	288.81	297.93	294.35	281.47	280.21	276.53	283.42	272.55	274.89	298.74	331.94
Grain mill & bakery products	272.83	274.85	283.46	280.09	301.33	291.33	285.38	281.36	275.77	280.70	293.54	289.12	290.70
Beverages	393.11	337.18	351.70	398.52	382.34	390.60	434.28	435.51	432.73	417.02	473.10	508.29	553.78
Textile Mill Products	259.30	261.25	261.81	266.05	271.79	266.90	271.55	278.20	265.03	276.27	264.50	278.10	281.30
Textile finishing, except wool	347.42	353.28	355.42	368.16	362.71	357.49	348.38	362.04	342.11	355.89	330.57	356.45	369.15
Apparel & other Textile Products	173.22	179.23	177.14	178.52	178.54	174.30	181.07	182.82	181.90	186.37	182.48	185.83	186.90
Men's & boys' suits & coats*	200.93	209.07	209.76	207.72	201.60	182.93	189.26	208.66	203.70	220.02	215.27	225.81	224.46
Men's & boys' furnishings	170.72	196.42	168.48	169.16	174.92	183.74	183.18	180.64	183.75	182.67	187.96	192.02	199.40
Women's & misses' outerwear	161.87	167.06	168.11	167.69	166.86	163.71	172.45	172.99	173.33	177.23	183.93	174.90	174.35
Women's & children's undergarm.	175.08	167.50	174.38	180.92	177.26	176.58	179.56	178.41	174.49	182.27	174.35	183.29	184.43
Paper & Allied Products	328.02	324.87	334.23	332.58	341.42	336.00	346.96	335.03	344.08	340.92	345.79	352.64	351.74
Paper/p'b'rd mills ex bldg.pap.	429.06	452.69	440.35	443.83	471.75	457.84	457.78	435.50	423.85	441.52	443.07	446.67	436.25
Paperboard containers & boxes	306.04	297.57	307.99	311.85	312.31	317.63	318.31	328.54	313.95	307.05	304.40	313.09	316.99
Printing & Publishing	296.81	302.59	281.62	279.70	288.35	286.38	281.69	290.60	298.13	297.38	298.40	306.82	310.07
Newspapers*	287.12	295.84	283.47	284.99	276.25	279.29	278.32	281.33	280.48	281.33	291.82	296.25	291.92
Commercial printing	323.95	328.80	288.77	286.38	311.08	306.56	282.39	300.46	317.44	309.75	300.40	315.59	314.82
Chemicals & Allied Products	374.54	373.67	383.13	383.96	389.62	397.93	401.45	399.17	395.17	402.12	406.35	401.63	406.26
Industrial inorganic chemicals	431.52	426.82	420.33	416.56	421.23	412.38	434.63	431.04	415.81	426.36	438.51	439.76	416.75
Plastic materials & synthetics	402.95	383.95	395.25	389.23	384.93	407.75	410.22	400.45	388.52	398.66	411.32	385.84	395.14
Drugs	386.30	386.31	395.05	398.17	397.67	398.07	406.85	405.29	412.90	406.69	417.41	415.58	423.55
Soaps, cleaners & toilet goods	278.36	274.74	290.68	278.51	293.28	288.73	289.91	291.41	284.25	287.25	286.52	282.73	282.75
Industrial organic chemicals	411.26	408.53	426.30	445.65	458.24	494.75	485.10	478.38	471.52	482.57	486.18	487.28	499.29
Paints & allied products	418.30	447.55	438.05	438.04	456.97	461.28	480.69	464.17	456.00	477.22	497.80	484.21	490.86
Petroleum & Coal Products	602.91	516.83	541.17	531.10	531.79	562.41	555.08	556.54	546.31	545.15	568.71	539.22	516.38
Petroleum refining	673.65	561.13	590.09	577.28	577.28	611.55	603.00	606.50	594.44	594.00	621.98	582.96	552.35
Rubber & Plastic Products, NEC	247.05	253.79	251.03	255.82	256.66	251.47	259.53	261.35	254.23	255.27	253.68	260.07	264.38
Rubber & rubber products	256.22	271.70	266.09	261.49	266.74	270.10	270.25	267.73	253.99	257.18	253.50	260.94	273.70
Miscellaneous plastic products	245.01	249.28	247.20	254.20	254.41	247.23	256.88	259.34	254.56	254.56	253.89	259.97	262.03
Leather & Leather Products	190.19	188.71	185.13	186.63	193.80	183.15	193.66	198.74	190.25	190.38	193.22	196.26	198.70

Weekly earnings are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors.
* Data from 1980 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

	1980		1981										
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
TOTAL MANUFACTURING	41.2	41.4	40.8	40.8	41.0	40.5	40.7	40.8	40.2	40.6	40.6	40.8	41.0
Durable Goods	41.4	42.0	41.3	41.2	41.5	40.6	40.8	41.1	40.5	40.7	41.0	41.1	41.2
Lumber & Wood Products	34.5	35.0	32.7	32.8	33.2	33.5	32.7	33.2	31.9	31.8	33.3	33.9	32.7
Furniture & Fixtures	36.4	36.8	35.2	35.3	36.3	36.7	36.7	37.6	36.8	36.8	38.1	39.2	36.3
Stone, Clay & Glass Products	41.4	42.1	41.7	42.0	41.3	41.7	41.7	41.8	40.9	42.0	41.7	41.1	41.8
Glass & Glassware/pressed, blown	42.3	43.6	43.7	43.7	42.6	44.0	42.9	42.7	42.0	43.2	44.1	43.5	42.8
Pottery & related products	39.5	38.7	37.2	38.8	38.2	37.3	36.5	36.3	37.0	36.7	34.6	34.6	34.8
Primary Metal Industries	44.1	43.9	44.5	44.4	44.8	42.7	43.3	43.3	43.4	44.1	44.3	44.3	44.4
Blast furn. & basic steel prod.	42.3	43.4	42.2	43.7	47.3	45.4	46.2	43.7	45.1	46.5	46.3	45.0	44.9
Iron & steel foundries	45.0	44.4	43.3	44.1	44.0	41.3	41.4	42.9	42.1	42.0	43.0	44.8	44.8
Primary & secondary nonfer. met.	44.1	42.7	46.5	42.8	43.4	43.3	43.4	42.8	42.8	46.7	45.1	43.4	43.4
Nonfer. rolling & drawing metals	44.4	45.3	45.7	46.4	45.7	43.1	44.2	43.8	43.8	44.3	44.2	44.3	44.5
Fabricated Metals, incl. Ordnance	41.0	41.3	40.8	40.9	41.0	40.3	40.8	41.0	40.3	40.4	40.5	40.5	40.3
Metal cans*	38.1	38.2	39.8	41.4	38.8	39.7	40.0	39.0	38.1	40.1	40.5	38.8	41.3
Cutlery, hand tools & hardware	42.8	41.6	39.6	39.2	40.6	39.8	41.0	40.7	40.7	41.3	39.2	39.4	39.0
Fabricated struct. metal prod.	39.5	41.2	40.6	40.3	40.1	39.2	40.4	41.0	40.2	38.9	40.0	40.9	40.6
Metal Stampings	39.7	40.0	39.6	39.2	39.9	39.3	39.4	39.9	39.1	39.0	38.5	39.2	39.0
Machinery, Except Electrical	42.7	43.4	42.4	41.8	42.8	41.7	41.6	41.5	40.8	41.1	41.5	42.0	42.3
Construction & related machinery	41.6	41.8	41.1	42.1	43.0	40.5	39.4	40.1	37.2	38.7	37.1	40.1	39.4
Metalworking machinery	44.9	44.2	43.0	42.9	43.7	42.9	42.8	43.4	41.6	41.6	42.0	42.3	42.9
Special industry machinery	45.4	45.6	46.1	44.9	46.5	46.1	45.4	45.4	43.9	41.7	43.6	44.3	45.1
General industry machinery	42.6	45.2	42.9	42.8	42.9	40.5	41.2	41.0	40.8	41.0	41.3	41.9	41.8
Service industry machinery*	37.9	36.0	35.1	33.8	36.8	37.5	37.9	37.1	37.7	37.3	38.9	39.0	37.7
Electrical Equipment & Supplies	40.2	40.4	40.5	40.4	40.8	40.1	40.1	40.5	40.1	40.2	40.2	40.6	41.1
Elec. test & distribution equip.	43.4	44.7	43.3	41.7	43.0	42.1	43.4	43.5	44.3	43.1	44.0	44.2	46.6
Electrical industrial apparatus	40.1	40.8	39.3	40.8	40.6	38.8	38.0	37.4	35.1	37.4	35.5	36.5	36.6
Electric lighting & wiring equip	40.2	40.8	39.6	39.9	40.1	39.2	39.1	40.2	39.0	39.4	39.5	39.5	38.6
Radio & TV receiving equipment	37.4	37.9	34.0	32.8	33.8	34.4	35.1	35.2	35.4	35.9	34.0	35.4	37.6
Communication equipment	40.3	40.5	43.0	42.5	42.8	42.9	43.0	43.5	43.8	43.4	43.8	44.5	44.6
Electronic components & access.	40.8	39.9	40.2	40.6	41.1	39.6	39.4	39.5	39.4	39.1	39.2	38.8	39.4
Transportation Equipment	44.7	48.8	44.2	43.6	43.0	41.9	41.4	41.7	41.1	40.9	44.7	41.7	40.5
Motor vehicles & equipment	44.2	50.8	44.1	44.5	43.0	41.7	41.2	41.4	40.8	40.4	45.3	41.0	39.3
Aircraft & parts*	48.9	48.6	48.6	50.0	50.8	49.7	51.1	50.5	51.2	48.7	49.3	51.2	49.8
Ship & boat building & repairing	44.4	37.8	41.5	33.9	36.9	38.0	35.9	37.7	35.3	37.2	37.9	39.2	39.5
Instruments & Related Products	42.6	43.1	42.2	42.6	42.8	42.3	42.2	42.5	41.6	41.4	41.5	42.0	42.1
Miscellaneous Mfg. Industries	39.6	39.6	39.5	38.9	40.1	39.6	39.5	40.1	39.9	39.9	39.0	40.3	40.8
Nondurable Goods	41.0	40.8	40.3	40.4	40.6	40.2	40.5	40.5	39.9	40.5	40.3	40.5	40.9
Food & Kindred Products	41.6	40.8	40.7	41.6	41.1	41.2	41.5	40.5	40.3	41.0	41.3	41.3	42.6
Canned, cured & frozen foods	42.3	41.8	41.2	42.5	41.4	39.7	39.3	38.3	39.2	39.5	38.5	40.7	44.2
Grain mill & bakery products	40.3	40.3	41.2	40.3	42.5	42.1	41.3	40.6	40.2	40.8	40.6	40.1	40.6
Beverages	35.9	32.8	33.4	36.0	35.6	36.1	40.1	39.7	39.7	38.4	41.5	41.8	43.4
Textile Mill Products	42.3	41.6	41.1	41.7	42.6	41.9	42.1	42.8	40.9	42.7	41.2	42.2	42.3
Textile finishing, except wool	46.2	46.0	46.4	48.0	47.6	47.1	45.6	47.7	44.2	46.4	43.9	44.5	45.8
Apparel & Other Textile Products	33.7	34.6	34.0	34.2	34.6	33.2	34.1	34.3	34.0	34.9	34.3	34.8	35.0
Men's and boys' suits & coats*	36.6	37.4	36.8	36.7	36.0	33.2	32.8	36.1	35.8	38.6	37.7	39.0	38.7
Men's & boys' furnishings	35.2	37.2	33.1	33.3	33.9	35.2	35.5	36.2	36.1	36.1	37.0	38.1	39.8
Women's & misses' outerwear	30.6	31.7	31.6	31.7	32.4	30.6	31.7	31.8	31.4	32.4	33.2	31.8	31.7
Women's & children's undergarm.	33.8	33.3	33.6	34.2	33.7	32.7	33.5	33.1	31.9	33.2	31.7	32.1	32.7
Paper & Allied Products	46.2	45.5	46.1	46.0	46.2	45.1	46.2	46.9	46.0	45.7	45.8	46.4	45.8
Paper/p'b'rd mills ex bldg. pap.	51.2	53.7	52.8	52.9	54.1	53.8	52.8	51.6	50.7	51.7	51.4	50.7	49.8
Paperboard containers & boxes	46.3	45.5	45.9	46.2	46.2	46.1	45.8	46.8	45.5	44.5	43.3	44.6	44.9
Printing & Publishing	38.9	39.4	37.3	36.9	37.4	37.0	36.3	36.6	37.5	37.5	37.3	38.4	39.6
Newspapers*	33.7	34.4	33.0	33.1	32.5	32.4	32.4	32.3	32.5	32.3	32.9	33.1	33.4
Commercial printing	40.8	41.1	37.6	37.0	38.5	37.8	35.7	36.2	38.2	37.5	36.5	38.3	39.6
Chemicals & Allied Products	43.5	43.0	43.0	42.9	43.1	43.3	43.4	43.2	42.4	43.1	43.0	42.5	42.9
Industrial inorganic chemicals	46.3	45.6	45.1	44.6	44.2	43.5	44.9	44.9	43.0	44.0	44.7	44.6	42.7
Plastic materials & synthetics	48.2	45.6	45.8	45.9	45.5	46.6	46.3	45.3	43.9	45.2	45.3	42.4	44.1
Drugs	44.3	44.2	43.7	43.9	43.7	43.6	43.7	43.3	43.1	42.9	43.3	43.2	43.8
Soaps, cleaners & toilet goods	38.5	38.0	38.5	38.1	39.0	38.6	38.5	38.7	37.5	38.3	37.9	37.3	37.6
Industrial organic chemicals	43.2	42.6	43.5	43.1	43.6	45.1	45.0	44.5	43.7	44.6	44.4	44.5	44.9
Paints and allied products	47.0	48.7	46.8	46.6	47.9	47.9	49.1	48.1	47.5	48.4	48.9	47.8	48.6
Petroleum & Coal Products	49.5	45.9	45.4	42.9	43.2	44.6	44.3	44.1	43.6	43.3	44.5	41.8	40.5
Petroleum refining	51.7	46.8	46.5	43.7	43.7	45.3	44.7	44.4	44.0	44.0	45.4	42.0	40.2
Rubber & Plastic Products, NEC	40.7	41.2	40.1	40.8	41.0	40.3	41.0	40.9	39.6	40.2	39.7	40.7	40.8
Rubber and rubber products	40.8	41.8	40.5	39.8	40.6	40.8	40.7	39.9	38.6	38.5	37.5	38.6	39.1
Miscellaneous plastic products	40.7	41.0	40.0	41.0	41.1	40.2	41.1	41.1	39.9	40.6	40.3	41.2	41.2
Leather & Leather Products	38.5	38.2	37.[illegible]	37.4	38.3	37.0	38.5	39.2	37.9	38.0	38.8	40.3	40.8

Average hours worked or paid for are affected by labor turnover, changes in overtime hours, and part-time employment.

* Data from 1980 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

AVERAGE HOURLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjuted)

	1980 Nov	Dec	1981 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
TOTAL MANUFACTURING	7.57	7.56	7.72	7.71	7.74	7.82	7.86	7.89	7.93	7.90	8.04	8.05	8.06
Durable Goods	7.74	7.75	7.93	7.88	7.91	7.96	8.02	8.06	8.08	8.09	8.27	8.28	8.29
Lumber & Wood Products	5.55	5.54	5.58	5.72	5.75	6.08	5.97	6.09	5.99	6.11	6.09	6.12	6.08
Furniture & Fixtures	5.84	6.08	6.20	6.09	5.94	5.95	5.93	5.99	6.07	6.04	6.12	6.36	6.36
Stone, Clay & Glass Products	7.94	8.03	8.08	8.09	8.10	8.29	8.48	8.50	8.48	8.56	8.59	8.61	8.65
Glass & glassware/pressed, blown	8.03	8.22	8.07	8.04	8.06	8.54	8.58	8.66	8.53	8.61	8.60	8.67	8.79
Pottery & related products	7.46	7.68	7.48	7.57	7.33	7.34	7.56	7.56	7.68	7.72	7.40	8.03	8.06
Primary Metal Industries	7.62	7.73	7.85	7.27	7.86	7.80	7.87	7.88	7.90	8.03	8.12	8.19	8.32
Blast Furn. & Basic Steel prod.	9.32	9.41	9.38	9.63	9.51	9.38	9.61	9.45	9.58	9.82	9.79	9.75	9.86
Iron and Iron foundries	7.31	7.45	7.44	7.49	7.57	7.45	7.39	7.65	7.56	7.52	7.60	7.90	7.95
Primary & secondary nonfer. met.	9.83	9.90	10.34	10.22	10.30	10.46	10.43	10.44	10.44	10.74	10.54	10.95	10.95
Nonfer. rolling & drawing metals	6.80	6.90	6.95	7.00	7.02	6.89	7.00	7.00	6.99	7.04	7.37	7.44	7.62
Fabricated Metals, incl. Ordnance	7.75	7.78	7.82	7.84	7.91	7.94	7.95	8.05	8.05	8.10	8.18	8.22	8.22
Metal cans*	8.58	8.78	8.74	8.71	8.75	8.84	8.72	8.80	8.77	9.12	9.27	8.88	9.02
Cutlery, hand tools & hardware	10.08	9.98	9.64	9.87	10.25	9.99	9.89	10.25	10.35	10.12	10.07	10.44	10.35
Fabricated struct. metal prod.	7.17	7.33	7.52	7.47	7.61	7.69	7.80	7.74	7.75	7.71	7.92	8.01	8.01
Metal stampings	7.41	7.34	7.47	7.46	7.51	7.73	7.83	8.00	7.92	8.04	8.10	7.97	8.09
Machinery, Except Electrical	8.62	8.72	8.84	8.86	8.96	9.04	9.15	9.11	9.09	9.17	9.32	9.44	9.57
Construction & related machinery	9.32	9.32	9.51	9.52	9.57	9.93	9.94	10.10	10.16	10.36	10.52	10.69	10.87
Metalworking machinery	8.05	8.13	8.18	8.23	8.31	8.39	8.62	8.61	8.65	8.49	8.73	8.83	9.01
Special industry machinery	8.28	8.27	8.49	8.48	8.45	8.47	8.67	8.62	8.59	8.55	8.87	8.86	8.91
General industry machinery	9.75	10.10	10.03	9.89	10.07	10.21	10.19	10.46	10.42	10.54	10.83	10.75	10.69
Service industry machinery*	7.24	7.29	7.47	7.57	7.85	7.98	8.05	8.00	7.82	7.74	7.73	7.93	7.89
Electrical Equipment & Supplies	7.06	7.08	7.14	7.01	6.99	7.07	7.14	7.24	7.28	7.47	7.49	7.53	7.66
Elec. test & distribution equip.	6.25	6.24	6.47	6.22	6.25	6.31	6.28	6.25	6.20	6.40	6.36	6.76	6.86
Electrical industrial apparatus	6.54	6.55	6.64	6.68	6.70	6.65	6.79	6.96	6.88	6.93	6.97	6.90	7.10
Elec. lighting & wiring equip.	5.95	5.89	6.00	5.96	5.93	5.95	6.08	6.11	6.13	6.09	6.25	6.26	6.32
Radio & TV receiving equipment	6.37	6.41	6.39	6.29	6.32	6.46	6.58	6.57	6.65	6.70	6.60	6.68	6.59
Communication equipment	9.01	8.99	8.81	8.61	8.62	8.73	8.77	8.79	8.87	9.39	9.45	9.40	9.59
Electric components & access.	5.95	5.99	6.22	6.20	6.20	6.28	6.36	6.56	6.50	6.67	6.60	6.59	6.64
Transportation Equipment	10.57	11.39	10.99	11.00	10.97	10.91	10.86	11.02	11.07	10.91	11.72	11.55	11.04
Motor vehicles & equipment	11.12	12.07	11.64	11.65	11.66	11.58	11.51	11.66	11.69	11.81	12.38	12.20	11.71
Aircraft & parts*	8.63	8.79	8.80	8.74	8.74	8.95	9.14	9.55	9.70	9.51	9.55	9.69	9.54
Ship & boat building & repairing	9.56	9.29	9.61	9.30	8.90	9.18	8.77	8.95	8.86	9.02	9.55	9.70	9.59
Instruments & Related Products	7.72	7.74	7.94	7.96	7.92	7.99	8.11	8.16	8.19	8.29	8.34	8.29	8.36
Miscellaneous Mfg. Industries	5.96	6.08	6.18	5.99	6.02	6.07	6.09	6.09	6.25	6.21	6.16	6.15	6.14
Nondurable Goods	7.39	7.37	7.50	7.54	7.57	7.67	7.70	7.73	7.78	7.72	7.81	7.82	7.84
Food & Kindred Products	7.92	7.73	7.89	8.02	7.99	8.02	8.10	8.15	8.11	8.11	8.37	8.54	8.66
Canned, cured & frozen foods	6.78	6.84	7.01	7.01	7.11	7.09	7.13	7.22	7.23	6.90	7.14	7.34	7.51
Grain mill & bakery products	6.77	6.82	6.88	6.95	7.09	6.92	6.91	6.93	6.86	6.88	7.23	7.21	7.16
Beverages	10.95	10.28	10.53	11.07	10.74	10.82	10.83	10.97	10.90	10.86	11.40	12.16	12.76
Textile Mill Products	6.13	6.28	6.37	6.38	6.38	6.37	6.45	6.50	6.48	6.47	6.42	6.59	6.65
Textile finishing, except wool	7.52	7.68	7.66	7.67	7.62	7.59	7.64	7.59	7.74	7.67	7.53	8.01	8.06
Apparel & Other Textile Products	5.14	5.18	5.21	5.22	5.16	5.25	5.31	5.33	5.35	5.34	5.32	5.34	5.34
Men's and boys' suits & coats*	5.49	5.59	5.70	5.66	5.60	5.51	5.77	5.78	5.69	5.70	5.71	5.79	5.80
Men's & boys' furnishings	4.85	5.28	5.09	5.08	5.16	5.22	5.16	4.99	5.09	5.06	5.08	5.04	5.01
Women"s & misses' outerwear	5.29	5.27	5.32	5.29	5.15	5.35	5.44	5.44	5.52	5.47	5.54	5.50	5.50
Women's & children's undergarm.	5.18	5.03	5.19	5.29	5.26	5.40	5.36	5.39	5.47	5.49	5.50	5.71	5.64
Paper & Allied Products	7.10	7.14	7.25	7.23	7.39	7.45	7.51	7.57	7.48	7.46	7.55	7.60	7.68
Paper/p'b'd mills ex bldg. pap.	8.38	8.43	8.34	8.39	8.72	8.51	8.67	8.44	8.36	8.54	8.62	8.81	8.76
Paperboard containers & boxes	6.61	6.54	6.71	6.75	6.76	6.89	6.95	7.02	6.90	6.90	67.03	7.02	7.06
Printing & Publishing	7.63	7.68	7.55	7.58	7.71	7.74	7.76	7.94	7.95	7.93	8.00	7.99	7.83
Newspapers*	8.52	8.60	8.59	8.61	8.50	8.62	8.59	8.71	8.63	8.71	8.87	8.95	8.74
Commercial printing	7.94	8.00	7.68	7.74	8.08	8.11	7.91	8.30	8.31	8.26	8.23	8.24	7.95
Chemicals & Allied Products	8.61	8.69	8.91	8.95	9.04	9.19	9.25	9.24	9.32	9.33	9.45	9.45	9.47
Industrial inorganic chemicals	9.32	9.36	9.32	9.34	9.53	9.48	9.68	9.60	9.67	9.69	9.81	9.86	9.76
Plastic materials & synthetics	8.36	8.42	8.63	8.48	8.46	8.75	8.86	8.84	8.85	8.82	9.08	9.10	8.96
Drugs	8.72	8.74	9.04	9.07	9.10	9.13	9.31	9.36	9.58	9.48	9.64	9.62	9.67
Soaps, cleaners & toilet goods	7.23	7.23	7.55	7.31	7.52	7.48	7.53	7.53	7.58	7.50	7.56	7.58	7.52
Industrial organic chemicals	9.52	9.59	9.80	10.34	10.51	10.97	10.78	10.75	10.79	10.82	10.95	10.95	11.12
Paints & allied products	8.90	9.19	9.36	9.40	9.54	9.63	9.79	9.65	9.60	9.86	10.18	10.13	10.10
Petroleum & Coal Products	12.18	11.26	11.92	12.38	12.31	12.61	12.53	12.62	12.53	12.59	12.78	12.90	12.95
Petroleum refining	13.03	11.99	12.69	13.21	13.21	13.50	13.49	13.66	13.51	13.50	13.70	13.88	13.74
Rubber & Plastic Products, NEC	6.07	6.16	6.26	6.27	6.26	6.24	6.33	6.39	6.42	6.35	6.39	6.39	6.48
Rubber & rubber products	6.28	6.50	6.57	6.57	6.57	6.62	6.64	6.71	6.58	6.68	6.76	6.76	7.00
Miscellaneous plastic products	6.02	6.08	6.18	6.20	6.19	6.15	6.25	6.31	6.38	6.27	6.30	6.31	6.36
Leather & Leather Products	4.94	4.94	4.95	4.99	5.06	4.95	5.03	5.07	5.02	5.01	4.98	4.87	4.87

Hourly earnings include paid holidays, vacation, and sick leave. They are affected by changes in work force composition and in wage rates.
* Data from 1980 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

LABOR TURNOVER RATES PER 100 WORKERS FOR SELECTED NEW JERSEY MANUFACTURING INDUSTRIES
(Not seasonally adjusted)

	1980		1981										
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
ACCESSION RATE, ALL MANUFACTURING	2.6	2.1	3.6	3.0	3.4	3.3	3.3	4.0	3.4	4.3	3.9	2.8	2.5
Durable Goods	2.5	2.0	3.5	2.8	3.1	3.0	2.8	3.5	2.8	3.6	4.0	2.4	2.2
Stone, Clay & Glass Products	1.8	1.7	3.5	2.6	3.1	3.7	3.9	3.8	3.1	3.6	2.6	2.4	1.8
Primary Metals Industries	3.1	2.1	3.1	2.5	2.1	2.6	2.1	2.2	2.7	4.0	2.3	1.8	1.6
Fabricated Metals, incl.Ordnance	2.4	1.8	3.6	3.2	3.5	2.9	3.0	3.9	3.1	4.3	3.4	2.8	1.9
Machinery, Except Electrical	2.5	1.4	3.4	1.9	1.9	1.8	1.8	2.4	1.6	1.8	1.8	1.6	1.3
Electrical Equipment & Supplies	2.4	1.8	3.3	2.6	2.3	2.3	2.5	3.4	2.5	3.5	2.6	2.6	2.0
Transportation Equipment	1.4	3.1	3.1	3.7	4.3	3.0	2.8	3.0	2.5	3.7	29.1	1.7	2.2
Instruments & Related Products	2.5	2.3	3.0	2.4	2.4	2.5	2.3	2.9	2.8	3.0	2.3	1.9	3.9
Miscellaneous Mfg. Industries	4.2	3.4	5.2	5.3	8.7	8.1	5.6	6.2	5.7	6.2	4.9	3.0	4.7
Nondurable Goods	2.6	2.2	3.7	3.1	3.7	3.6	3.8	4.6	3.9	4.9	3.8	3.3	2.8
Food & Kindred Products	3.2	3.1	3.2	2.8	3.7	4.0	4.8	6.3	5.7	7.0	4.1	3.1	3.6
Textile Mill Products	3.2	2.0	5.1	3.9	7.0	4.0	5.3	3.7	3.5	4.9	7.0	3.3	3.3
Apparel & Other Textile Products	3.3	3.1	7.2	6.0	6.2	7.4	7.2	7.1	7.8	10.6	5.0	4.9	5.3
Paper & Allied Products	2.0	1.4	2.9	2.5	2.0	3.3	3.3	3.9	3.5	3.8	2.4	2.1	2.4
Printing & Publishing	3.4	3.7	3.3	3.2	4.5	3.7	3.9	5.0	4.2	4.0	4.2	5.1	3.8
Chemicals & Allied Products	1.2	1.0	1.9	1.5	1.7	1.6	1.7	2.9	1.7	2.0	2.0	1.6	1.2
Petroleum & Coal Products	0.8	0.6	1.0	1.4	1.3	0.9	1.6	2.5	1.2	0.8	1.1	1.6	0.6
Rubber & Plastic Products, NEC	4.5	2.9	5.2	4.5	5.0	4.2	4.8	4.8	4.8	6.2	5.9	4.7	2.5
Leather & Leather Products	8.2	3.4	12.5	10.2	9.4	6.6	6.0	7.2	4.8	11.6	10.2	6.9	3.9
NEW HIRE RATE, ALL MANUFACTURING	1.7	1.3	2.0	1.9	2.2	2.0	2.2	2.9	2.2	2.6	2.3	2.1	1.7
Durable Goods	1.7	1.2	1.9	1.8	2.1	2.0	2.1	2.6	1.9	2.3	2.0	1.8	1.6
Stone,Clay & Glass Products	1.0	0.8	1.3	1.0	1.3	1.5	1.9	3.0	2.2	2.3	1.6	1.2	1.0
Primary Metal Industries	1.4	1.2	1.9	2.0	1.7	1.7	1.7	1.6	1.3	1.4	1.6	1.2	1.0
Fabricated Metals, incl. Ordnance	1.4	0.9	1.8	1.8	2.0	2.1	1.9	2.5	1.9	2.6	2.1	1.9	1.2
Machinery, Except Electrical	1.4	1.2	1.8	1.7	1.8	1.5	1.5	2.1	1.2	1.5	1.3	1.5	1.1
Electrical Equipment & Supplies	1.6	1.2	1.7	1.7	1.9	1.8	1.9	2.5	1.6	2.4	2.1	2.0	1.4
Transportation Equipment	0.4	0.6	0.9	0.9	3.1	2.3	1.7	0.7	0.6	0.7	0.9	0.7	0.6
Instruments & Related Products	2.0	2.0	2.0	2.1	2.1	2.1	1.8	2.5	1.8	2.1	1.8	1.5	3.3
Miscellaneous Mfg. Industries	3.4	2.4	3.5	3.4	3.8	4.0	4.9	5.8	4.6	4.6	3.5	2.6	3.2
Nondurable Goods	1.8	1.4	2.1	2.0	2.3	2.0	2.4	3.2	2.4	2.9	2.7	2.4	1.8
Food & Kindred Products	1.7	1.2	1.1	1.1	1.5	1.6	2.0	2.8	2.3	3.0	2.1	1.1	1.3
Textile Mill Products	1.9	1.2	2.9	2.0	3.9	2.7	2.7	2.6	2.2	2.8	2.8	2.0	1.7
Apparel & Other Textile Products	2.0	1.3	3.2	3.0	2.9	2.5	3.1	3.8	3.1	4.2	3.3	3.3	3.3
Paper & Allied Products	1.4	1.0	1.6	2.1	1.2	1.2	2.4	3.3	2.5	3.0	2.1	1.5	1.3
Printing & Publishing	2.9	2.8	2.5	2.5	3.4	2.9	3.3	4.3	3.8	3.6	3.9	4.6	3.3
Chemicals & Allied Products	0.9	0.8	1.3	1.2	1.4	1.2	1.4	2.4	1.5	1.5	1.4	1.4	0.9
Petroleum & Coal Products	0.4	0.5	0.6	1.3	0.9	0.8	0.9	1.7	1.1	0.6	0.9	1.5	0.2
Rubber & Plastic Products, NEC	3.2	2.0	3.9	3.4	3.8	3.2	3.3	4.0	3.3	4.6	4.9	3.9	1.9
Leather & Leather Products	4.2	2.7	5.7	8.2	7.4	5.1	4.7	6.4	3.4	9.7	8.4	4.2	2.5
SEPARATION RATE, ALL MANUFACTURING	3.0	3.2	3.9	3.3	3.2	3.0	3.3	3.3	3.7	4.8	3.7	4.0	3.5
Durable Goods	2.8	2.9	3.7	3.3	2.7	2.5	3.0	3.2	3.9	5.3	3.4	3.9	3.4
Stone,Clay & Glass Products	3.8	3.1	4.1	3.9	4.5	2.8	2.7	2.8	3.7	4.3	4.4	4.9	2.8
Primary Metal Industries	2.0	2.5	2.8	2.4	1.9	2.0	1.9	4.3	5.2	2.2	3.8	3.3	3.3
Fabricated Metals, incl. Ordnance	2.7	3.1	3.5	4.0	2.8	2.3	2.6	2.9	3.6	4.8	4.0	4.1	4.4
Machinery, Except Electrical	2.3	2.5	2.8	2.6	2.0	2.4	2.2	2.1	2.2	3.2	2.0	3.6	1.7
Electrical Equipment & Supplies	2.3	2.1	3.8	2.8	2.3	2.7	3.1	3.1	4.1	3.5	3.2	3.0	2.7
Transportation Equipment	2.9	3.2	2.3	3.3	2.4	2.0	4.0	2.5	3.9	37.0	3.4	3.1	4.9
Instruments & Related Products	1.8	3.2	3.7	2.3	2.5	2.1	2.5	2.2	5.3	2.5	2.3	3.0	3.1
Miscellaneous Mfg. Industries	5.6	4.6	6.9	3.9	4.0	2.9	6.8	7.4	6.2	8.9	6.4	7.3	6.9
Nondurable Goods	3.2	3.5	4.0	3.3	3.6	3.4	3.6	3.4	5.7	4.1	4.0	4.0	3.7
Food & Kindred Products	3.7	4.2	4.1	3.9	3.6	4.7	4.7	5.0	6.3	4.0	7.7	4.9	3.1
Textile Mill Products	6.8	4.5	5.9	6.1	4.4	5.0	4.4	6.2	7.0	5.1	3.7	6.4	6.1
Apparel & Other Textile Products	6.2	8.4	7.6	7.1	8.0	5.3	5.2	4.1	16.5	4.9	4.6	6.3	7.5
Paper & Allied Products	2.4	1.8	3.3	2.1	3.7	2.0	2.8	2.6	3.8	4.2	3.6	3.4	2.9
Printing & Publishing	2.7	3.2	4.7	2.8	3.2	3.1	3.7	3.7	3.8	4.3	4.0	4.6	4.0
Chemicals & Allied Products	1.2	1.3	1.9	1.5	1.7	1.5	2.0	1.7	1.7	2.9	2.2	1.9	1.3
Petroleum & Coal Products	1.2	1.3	1.3	1.5	1.3	2.6	0.8	0.8	1.2	1.9	1.4	2.1	0.8
Rubber & Plastic Products, NEC	4.6	4.2	4.5	4.0	4.1	5.9	4.9	4.7	7.1	6.5	5.4	4.9	5.7
Leather & Leather Products	5.6	10.8	10.7	6.8	9.0	5.4	8.9	7.5	17.2	8.3	5.9	7.1	6.7
QUIT RATE, ALL MANUFACTURING	1.0	0.8	1.2	1.0	1.1	1.1	1.2	1.3	1.3	2.0	1.6	1.2	0.8
Durable Goods	0.9	0.7	1.1	1.0	1.0	1.0	1.2	1.3	1.1	2.0	1.4	1.0	0.7
Stone,Clay & Glass Products	0.8	0.7	0.8	0.7	0.9	0.8	0.9	1.1	1.1	1.9	1.4	0.9	0.5
Primary Metal Industries	0.6	0.5	0.7	0.5	0.7	0.8	0.8	0.6	0.7	1.1	1.0	0.7	0.6
Fabricated Metals, incl. Ordnance	0.9	0.7	1.0	1.0	1.0	1.0	1.0	0.9	1.0	2.1	1.3	1.0	0.5
Machinery, Except Electrical	0.9	0.6	1.2	0.9	1.1	0.9	0.9	1.2	1.0	1.3	1.1	1.1	0.7
Electrical Equipment & Supplies	0.8	0.7	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.8	1.4	1.1	0.7
Transportation Equipment	0.4	0.3	0.9	0.6	1.0	0.7	0.5	0.5	0.6	1.1	0.6	0.6	0.5
Instruments & Related Products	0.7	0.8	1.3	0.9	1.1	0.8	1.0	1.0	1.0	2.1	1.2	0.9	1.0
Miscellaneous Mfg. Industries	2.7	1.8	1.7	1.6	1.6	1.8	4.1	4.3	2.7	5.0	3.0	1.5	1.3
Nondurable Goods	1.0	0.8	1.2	1.1	1.1	1.2	1.2	1.4	1.4	2.1	1.8	1.3	0.9
Food & Kindred Products	0.8	0.4	0.6	0.7	0.5	0.8	0.9	1.3	1.4	1.4	1.6	0.7	0.8
Textile Mill Products	1.2	0.9	1.2	1.1	1.3	1.7	1.4	1.8	1.3	1.7	1.8	2.6	1.0
Apparel & Other Textile Products	1.3	0.7	1.6	1.5	1.4	1.1	1.4	1.4	1.5	1.8	1.7	1.6	1.0
Paper & Allied Products	0.8	0.5	1.0	0.8	1.4	1.0	1.0	1.1	1.2	2.3	2.0	0.9	0.7
Printing & Publishing	1.5	1.7	1.7	1.7	1.7	2.0	2.1	2.2	2.1	2.7	2.7	2.3	2.0
Chemicals & Allied Products	0.5	0.5	0.9	0.6	0.7	0.7	0.6	0.7	0.9	1.8	1.1	0.6	0.4
Petroleum & Coal Products	0.3	0.1	0.2	0.1	0.3	0.2	0.2	0.2	0.4	0.9	0.5	0.2	0.1
Rubber & Plastic Products, NEC	2.1	1.4	1.7	1.9	1.8	2.1	1.8	2.2	2.7	3.4	2.9	2.3	1.5
Leather & Leather Products	2.6	1.4	5.1	2.4	3.7	3.1	3.8	3.8	1.9	4.5	3.3	2.3	1.7

NEW JERSEY LABOR FORCE DATA
(thousands)

	Dec 1981	Nov 1981	Dec 1980	Net change from month ago	Net change from year ago
Civilian Labor Force	3,516	3,559	3,585	-43	-69
Total Employment	3,258	3,310	3,316	-52	-58
Total Unemployment	258	249	268	+ 9	-10
Seasonally adjusted unemployment total	273	267	284	+ 6	-11
Unemployment Rate	7.3	7.0	7.5	+ 0.3	- 0.2
Seasonally adjusted unemployment rate	7.8	7.5	8.0	+ 0.3	- 0.2

Note: Based on U.S. Bureau of Labor Statistics method.

UNEMPLOYMENT INSURANCE CLAIMS IN NEW JERSEY*

Program	Dec 1981	Nov 1981	Dec 1980	Net change from month ago	Net change from year ago
Regular State UI Program	136,366	115,464	133,965	+20,902	+ 2,401
Federal Employees' Program	984	1,125	1,800	- 141	- 816
Veterans' Program	662	689	2,011	- 27	- 1,349
Extended Benefits	13	31	34,628	- 18	-34,615
TOTAL	138,025	117,309	172,404	+20,716	-34,379

Provides 13 additional weeks of benefits to workers exhausting regular state UI benefits. Extended Benefits "triggered off" in June 1981. Current figures reflect claims that were initially denied but declared valid on appeal and paid retroactively.

CHARACTERISTICS OF THE NEW JERSEY INSURED UNEMPLOYED*
(Regular State UI Program only)
(thousands)

	Dec 1981	Nov 1981	Dec 1980	Net change from month ago	Net change from year ago
TOTAL INSURED UNEMPLOYED	136.4	115.5	134.0	+20.9	+2.4
Male	74.6	61.6	70.7	+13.0	+3.9
Female	61.8	53.8	63.2	+ 8.0	-1.4
White, not Hispanic	91.0	77.0	93.8	+14.0	-2.8
Black, not Hispanic	29.9	25.8	27.4	+ 4.1	+2.5
Hispanic	14.3	11.6	11.7	+ 2.7	+2.6
American Indian or Alaskan Native	0.2	0.2	0.2	0.0	0.0
Asian or Pacific Islander	0.3	0.2	0.3	+ 0.1	0.0
INA	0.7	0.7	0.5	0.0	+0.2
MANUFACTURING	50.7	38.7	50.2	+12.0	+0.5
Durable Goods	23.9	18.8	23.4	+ 5.1	+0.5
Fabricated metals, incl. ordn.	3.8	2.9	3.3	+ 0.9	+0.5
Machinery except electrical	2.6	2.4	3.2	+ 0.2	-0.6
Electrical machinery	4.1	4.1	3.9	0.0	+0.2
Nondurable Goods	26.8	19.9	26.7	+ 6.9	+0.1
Food & kindred products	2.8	2.2	3.5	+ 0.6	-2.1
Textile mill products	2.0	1.7	1.8	+ 0.3	+0.2
Apparel & other textile products	10.3	6.3	9.0	+ 4.0	+1.3
Printing & publishing	2.2	1.6	2.5	+ 0.6	-0.3
Chemicals & allied products	4.2	3.0	4.8	+ 1.2	-0.6
Rubber & misc. plastic products	2.6	2.5	2.3	+ 0.1	+0.3
NONMANUFACTURING	82.9	73.8	80.1	+ 9.1	+2.8
Contract construction	10.0	7.0	9.5	+ 3.0	+0.5
Transportation & public utilities	6.0	5.7	5.4	+ 0.3	+0.6
Wholesale & retail trade	26.4	23.3	27.6	+ 3.1	-1.2
Finance, insurance, & real estate	4.7	4.4	3.5	+ 0.3	+1.2
Services	26.9	24.3	24.5	+ 2.6	+2.4
BY AGE OF CLAIMANT					
Under 25	34.0	30.1	28.3	+ 3.9	+5.7
25 through 34	41.1	36.1	41.8	+ 5.0	-0.7
35 through 44	21.7	17.2	24.3	+ 4.5	-2.6
45 through 54	18.4	15.3	19.5	+ 3.1	-1.1
55 through 64	17.2	13.2	16.5	+ 4.0	+0.7
65 & over	3.8	3.6	3.5	+ 0.2	+0.3
BY DURATION OF UNEMPLOYMENT					
1 to 2 weeks	18.7	14.5	13.4	+ 4.2	+5.3
3 to 4 weeks	20.4	13.4	19.2	+ 7.0	+1.2
5 through 14 weeks	67.3	57.9	64.0	+ 9.4	+3.3
15 weeks & over	30.0	29.7	37.4	+ 0.3	-7.4

*Data are for claimants in the week including the 19th of the month and are not seasonally adjusted. The data on characteristics of the insured unemployed under the Regular State UI Program are based on a sample of all insured unemployed. Industry data are for selected categories and do not add to totals.

RESIDENTIAL CONSTRUCTION AUTHORIZED BY BUILDING PERMITS IN NEW JERSEY

	Nov 1981[1]	Oct 1981[2]	Year to Date[3]		
			1981	1980	%change
TOTAL DWELLING UNITS AUTHORIZED	1,066	1,891	17,280	18,438	- 6.3
Private Units	1,066	1,792	16,758	17,891	- 6.3
Single family	690	1,161	10,399	11,642	-10.7
Two-family	106	110	1,204	1,400	-14.0
Three-or-four family	22	14	323	272	+18.8
Five or more family	248	507	4,832	4.577	+ 5.6
Public Units	0	99	522	547	- 4.6
ESTIMATED VALUE OF RESIDENTIAL PERMITS	$76,275	$111,862	$1,099,312	$1,105,680	- 0.6
New Buildings	$54,256	$ 82,642	$ 818,211	$ 826,700	- 1.0
Additions and Alterations	$22,019	$ 29,220	$ 281,101	$ 278,980	+ 0.8

[1] Based on reports received from 447 of 567 municipalities
[2] Based on reports received from 442 of 567 municipalities
[3] Does not include any late reports
Source: N.J. Department of Labor

NEW JERSEY AGRICULTURAL INDICATORS

	CASH RECEIPTS FROM N.J. FARM MARKETINGS (millions)			INDEXES OF FARM PRICES RECEIVED BY N.J. FARMERS (1967 = 100)				
	Cumulative January-September			Dec 15 1981	Nov 15 1981	Dec 15 1980	% change	
	1981	1980	% change				month ago	year ago
ALL FARM PRODUCTS	347.5	328.6	+ 5.8	241	235	229	+ 2.6	+ 5.2
Livestock products	101.5	89.4	+13.5	233	238	241	- 2.1	- 3.3
Poultry & eggs				210	220	226	- 4.5	- 7.1
Dairy products				253	254	251	- 0.4	+ 0.8
Meat animals				219	227	241	- 3.5	- 9.1
Crops	246.0	239.1	+ 2.9	246	234	221	+ 5.1	+11.3
Fresh vegetables				317	281	237	+12.8	+33.8
Processed vegetables				148	148	148	--	--
Potatoes & sweet potatoes				291	294	362	- 1.0	-19.6
Fruits & berries				231	231	193	--	+19.7
Grains & hay				227	223	265	+ 1.8	-14.3
PRICES PAID BY U.S. FARMERS				304	306	292	- 0.7	+ 4.1
RATIO OF PRICES RECEIVED BY N.J. FARMERS TO PRICES PAID BY U.S. FARMERS				79	77	78	+ 2.6	+ 1.3

SOURCE: New Jersey Crop Reporting Service

OFFICIAL BLS SAMPLE ESTIMATES
STANDARD ERRORS AND COEFFICIENTS OF VARIATION
(not seasonally adjusted)

		RESIDENT EMPLOYMENT (in thousands)			UNEMPLOYMENT (in thousands)			UNEMPLOYMENT RATE (percent of labor force)		
Year	Month	Estimate	Standard Error	Coefficient of Variation	Estimate	Standard Error	Coefficient of Variation	Estimate	Standard Error	Coefficient of Variation
1980	Jan	3,324	±54	1.6%	270	±23	8.5%	7.5%	±.6	8.0%
	Feb	3,326	±54	1.6%	236	±22	9.3%	6.6%	±.6	9.1%
	Mar	3,302	±54	1.6%	243	±22	9.1%	6.8%	±.6	8.8%
	Apr	3,287	±54	1.6%	226	±21	9.3%	6.4%	±.6	9.4%
	May	3,265	±55	1.7%	286	±24	8.4%	8.1%	±.7	8.6%
	Jun	3,352	±54	1.6%	290	±24	8.3%	8.0%	±.7	8.8%
	Jul	3,385	±54	1.6%	295	±24	8.1%	8.0%	±.6	7.5%
	Aug	3,371	±54	1.6%	250	±22	8.8%	6.9%	±.6	8.7%
	Sep	3,280	±55	1.7%	250	±22	8.8%	7.1%	±.6	8.5%
	Oct	3,343	±54	1.6%	234	±22	9.4%	6.5%	±.6	9.2%
	Nov	3,330	±54	1.6%	252	±22	8.7%	7.0%	±.6	8.6%
	Dec	3,316	±54	1.6%	268	±23	8.6%	7.5%	±.6	8.0%
1981	Jan	3,289	±54	1.6%	284	±24	8.5%	8.0%	±.7	8.8%
	Feb	3,254	±54	1.7%	270	±23	8.5%	7.7%	±.6	7.8%
	Mar	3,277	±54	1.6%	308	±25	8.1%	8.6%	±.7	8.1%
	Apr	3,294	±54	1.6%	268	±23	8.6%	7.5%	±.6	8.0%
	May	3,327	±54	1.6%	287	±24	8.4%	7.9%	±.6	7.6%
	Jun	3,343	±54	1.6%	269	±23	8.6%	7.4%	±.6	8.1%
	Jul	3,377	±54	1.6%	246	±22	8.9%	6.8%	±.6	8.8%
	Aug	3,322	±54	1.6%	235	±22	9.4%	6.6%	±.6	9.1%
	Sep	3,256	±54	1.7%	219	±21	9.6%	6.3%	±.6	9.5%
	Oct	3,337	±54	1.6%	229	±21	9.2%	6.4%	±.6	9.4%
	Nov	3,310	±54	1.6%	249	±22	8.8%	7.0%	±.6	8.6%
	Dec	3,258	±54	1.7%	258	±23	8.9%	7.3%	±.6	8.2%

Data Notes

Standard errors can be used to construct confidence intervals around each sample estimate. A 68% confidence interval means that, if repeated samples were drawn from the same population, the interval of plus or minus one standard error around each sample estimate would contain, in 68% of the cases, the true value based on a complete census of the population.

The standard errors and coefficients of variation are developed on the basis of past observed variation in New Jersey's sample data. They cannot be applied to seasonally adjusted data because a source of variation, namely seasonal patterns, have already been eliminated by the seasonal adjustment procedure.

NEW JERSEY'S NONFARM PAYROLL WORKERS BY MAJOR INDUSTRIES, 1958-1981
(thousands)

Year	Total Nonfarm Payrolls	Manufac-turing	Nonmanu-facturing	Mining	Contract Construction	Transport. Comm., & Pub. Util.	Trade	Finance Insurance & Real Estate	Services	Government
1958	1,911.8	776.0	1,135.8	3.7	88.9	148.2	351.0	86.4	230.5	227.0
1959	1,970.9	801.9	1,169.0	3.6	96.3	147.0	360.3	86.7	241.6	233.5
1960	2,017.1	808.8	1,208.3	3.5	98.7	149.5	374.5	88.0	252.0	242.2
1961	2,033.6	791.5	1,242.0	3.4	100.0	150.1	380.1	90.6	264.2	253.6
1962	2,095.8	812.8	1,283.1	3.4	101.3	150.8	393.1	92.8	278.9	262.8
1963	2,129.4	809.4	1,320.0	3.5	101.2	151.9	405.3	94.5	291.5	272.1
1964	2,168.7	806.7	1,362.0	3.6	106.8	153.4	420.0	96.6	301.6	280.0
1965	2,259.0	837.5	1,421.6	3.5	110.6	157.0	438.5	98.6	315.6	295.4
1966	2,359.1	879.3	1,479.9	3.0	111.2	162.2	459.6	101.0	330.8	312.0
1967	2,421.5	882.8	1,538.8	2.8	112.2	166.3	472.0	104.7	351.6	329.2
1968	2,485.2	885.3	1,599.8	3.1	115.6	166.3	489.5	108.4	372.6	344.4
1969	2,569.6	892.5	1,677.1	3.3	118.1	176.2	514.9	111.3	393.2	360.1
1970	2,606.2	860.7	1,745.5	3.2	120.4	182.2	538.0	116.5	410.4	374.8
1971	2,607.6	818.3	1,789.4	3.0	117.6	181.1	558.3	120.4	421.0	388.0
1972	2,674.4	823.3	1,851.1	3.2	121.6	181.2	577.3	124.6	437.9	405.3
1973	2,760.8	842.6	1,918.2	3.3	126.8	186.4	596.9	131.0	456.8	417.1
1974	2,783.4	825.9	1,957.5	3.2	118.7	185.8	603.5	136.5	469.9	439.9
1975	2,699.9	747.9	1,952.0	2.8	99.2	174.3	599.3	135.2	471.1	470.2
1976	2,753.7	756.2	1,997.5	2.7	93.9	176.0	618.5	138.0	488.0	480.5
1977	2,836.9	767.3	2,069.6	2.9	94.5	178.2	637.3	142.9	509.8	504.0
1978	2,962.4	786.8	2,175.6	2.6	105.3	188.5	665.9	147.7	542.7	523.0
1979	3,027.4	799.1	2,228.2	2.6	113.7	190.4	678.6	153.6	572.5	516.7
1980	3,053.9	783.4	2,270.5	2.4	110.7	192.1	677.1	157.1	606.6	524.5
1981	3,088.0	775.4	2,312.6	2.3	112.0	190.5	683.3	158.3	646.1	520.1

	Durable Goods	Lumber & Wood*	Furniture & Fixtures*	Stone, Clay & Glass	Primary Metals	Fabricated Metals	Nonelectri-cal Mach.	Electrical Machinery	Transport. Equipment	Instruments*	Misc. Mfg.
1958	412.5	5.6	8.7	31.9	40.9	51.5	57.0	115.0	48.7	27.4	25.8
1959	431.1	5.9	9.2	33.1	41.7	54.3	57.8	121.4	50.5	30.2	27.0
1960	436.8	5.7	9.8	33.7	42.6	54.8	61.0	122.3	48.5	31.7	26.8
1961	421.9	5.6	9.0	34.4	40.7	54.2	57.3	119.5	41.7	31.9	27.6
1962	436.3	5.8	9.7	34.6	40.1	56.1	60.3	125.2	42.5	32.4	29.9
1963	426.0	5.7	8.9	34.9	38.6	55.7	60.1	121.7	39.0	32.9	28.7
1964	419.1	5.6	9.0	35.6	37.9	57.2	61.4	115.1	35.6	31.0	30.7
1965	438.7	5.6	9.4	36.9	39.8	60.8	65.4	118.4	36.8	32.7	32.9
1966	463.4	5.2	10.5	39.3	40.4	64.7	70.8	129.9	36.4	34.3	31.9
1967	464.6	5.0	11.0	39.1	38.6	66.2	75.0	131.1	32.0	36.5	30.0
1968	460.9	5.3	10.2	38.8	38.5	67.5	75.8	127.6	31.7	35.8	29.7
1969	463.3	5.2	11.0	40.9	39.4	69.8	76.2	124.5	31.4	34.7	30.2
1970	434.3	4.9	10.5	39.6	37.2	67.0	72.8	115.2	26.3	33.2	27.5
1971	404.6	4.5	10.6	39.0	33.3	62.9	66.3	104.6	25.2	32.4	25.6
1972	405.9	5.1	10.8	39.9	31.8	63.5	65.8	102.9	25.7	35.1	25.2
1973	420.5	5.3	10.6	40.8	32.0	66.2	72.1	108.1	25.3	34.4	25.9
1974	413.2	5.0	10.3	40.5	31.2	64.4	76.1	105.1	21.1	33.9	25.6
1975	363.0	4.6	8.9	36.0	26.1	58.1	68.4	88.1	19.3	31.2	22.4
1976	363.0	5.3	8.7	36.1	23.9	59.4	67.5	86.8	19.8	31.3	24.0
1977	370.0	5.8	8.9	35.1	23.0	61.1	71.0	87.9	20.7	32.0	24.5
1978	382.8	6.0	10.0	35.2	24.5	64.1	74.2	89.8	20.9	32.3	25.7
1979	395.9	6.7	10.3	35.3	25.5	64.5	76.4	92.9	21.6	35.6	27.1
1980	386.7	5.8	9.8	33.5	25.8	60.9	75.4	92.6	18.4	37.3	27.3
1981	382.0	5.5	9.7	32.4	25.8	59.3	73.3	92.5	17.2	37.5	28.8

	Nondurable Goods	Food	Tobacco	Textiles	Apparel	Paper	Printing & Publishing	Chemicals	Petroleum	Rubber & Plastics*	Leather
1958	363.6	62.9	1.9	33.0	76.7	28.0	30.3	80.8	12.2	26.6	11.1
1959	370.8	62.3	1.8	33.2	79.2	28.3	31.5	82.4	11.8	29.3	11.1
1960	372.0	62.9	1.7	31.4	77.7	28.0	32.3	86.4	11.5	29.2	11.0
1961	369.6	63.9	1.6	29.1	76.4	28.1	32.6	87.0	11.1	29.2	10.8
1962	376.5	64.2	1.5	28.6	75.8	29.7	33.0	91.0	10.7	30.7	11.5
1963	383.4	64.9	1.4	27.9	74.5	31.4	34.6	94.8	10.5	31.7	11.7
1964	387.6	65.0	1.5	27.8	74.6	31.5	35.8	96.4	9.7	34.2	11.2
1965	398.8	66.4	1.4	28.5	77.3	31.3	37.5	98.9	9.8	36.0	11.5
1966	415.9	67.2	0.8	29.6	80.3	33.0	39.6	105.5	10.5	37.2	12.2
1967	418.1	65.2	0.6	29.1	78.5	33.7	41.5	110.9	9.6	37.7	11.3
1968	424.5	64.5	0.3	30.5	78.7	34.3	42.2	113.1	9.7	39.9	11.5
1969	429.2	63.2	0.3	30.8	77.2	35.0	43.3	117.4	10.0	41.4	10.6
1970	426.4	63.5	0.3	29.6	72.3	35.3	44.8	120.9	10.1	40.0	9.6
1971	413.7	61.8	0.3	29.4	69.8	35.9	43.8	117.5	10.1	36.8	9.5
1972	417.4	59.8	0.3	30.5	68.9	35.9	46.0	119.3	10.6	37.2	8.9
1973	422.1	58.7	0.2	31.3	68.7	36.8	46.9	124.1	10.9	35.5	9.0
1974	412.7	56.7	0.2	28.8	63.1	35.4	47.8	126.6	11.8	34.0	8.4
1975	384.9	53.6	0.2	24.5	57.9	32.1	46.4	121.0	12.1	29.3	7.9
1976	393.2	52.7	0.2	23.9	61.1	33.2	47.4	122.4	11.9	32.0	8.3
1977	397.3	50.2	0.3	22.8	59.7	33.4	49.7	127.2	11.9	34.2	7.9
1978	404.0	49.9	0.5	22.4	59.3	33.7	51.7	130.0	11.9	37.3	7.3
1979	403.3	49.5	0.4	21.5	56.5	33.9	54.3	129.6	11.9	38.8	6.9
1980	396.7	49.8	0.4	20.4	55.3	32.2	55.0	127.9	12.1	37.6	6.1
1981	393.4	49.3	0.3	20.0	55.2	30.5	54.7	127.7	12.1	37.5	6.1

*Data from 1972 forward are not precisely comparable with earlier figures because of SIC revisions. The revisions caused noticeable changes between the original and revised 1972 averages such as lumber (+700), furniture (-500), rubber (+2,000), and instruments (+3,000).

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NEW JERSEY

ECONOMIC INDICATORS

THOMAS H. KEAN
Governor

ROGER A. BODMAN
Commissioner

Number 214 Data through January 1982 March 16, 1982

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New Jersey Economic Indicators is published monthly and distributed without charge, to those wishing to receive it, by the New Jersey Department of Labor, Division of Planning and Research, C N 056, Trenton, N. J. 08625. It is prepared with the cooperation of other State and Federal agencies. Material appearing here may be reprinted without permission, but it would be appreciated if appropriate credit was given.

NOTE ON REVISIONS IN THIS ISSUE OF ECONOMIC INDICATORS

This issue of the *Economic Indicators* introduces revisions to several of the statistical series. A summary of the changes appears below. If you have any questions regarding the data revisions, please call (609) 292-7567.

SERIES	INDICATORS	CHANGE
1 - 6	Resident Labor Force	Data have been adjusted to a 1981 benchmark and new seasonal factors.
22 - 24	General Business	Seasonally adjusted data have been revised to new seasonal factors.
25 - 27	Construction Contracts	Seasonally adjusted data have been revised to new seasonal factors.
28 - 30	Residential Building Permits	Seasonally adjusted data have been revised to new seasonal factors.
31 - 33	Trade	Seasonally adjusted data have been revised to new seasonal factors.
34 - 36	Labor Market	Seasonally adjusted data have been revised to new seasonal factors.
37 - 42	Unemployment Insurance Claimant	Seasonally adjusted data have been revised to new seasonal factors.

Please review the data notes on pages S-1 to S-3 for further details on these series.

Due to cutbacks in federal funding, the labor turnover statistics programs has been discontinued. This will be the last issue to contain turnover statistics (pages S-16, S-17, and S-37).

In the coming months, the remaining series will be revised to new benchmarks or the introduction of new seasonal factors. We will note the revisions as they occur.

The Economic Situation in

THE NATION

The nation's eighth post-World War II recession intensified in January. Industrial production plunged 3% and was 9.6% below last July's peak; the drop already exceeds the 8.3% contraction that occurred during the full 1980 recession. Bad weather contributed to January's decline, but most of it reflected the continued deterioration of consumer, housing, and industrial demand. Auto assemblies slowed to an annual rate of 3.6 million, the fewest since the 1959 steel strike; and output was off sharply for home goods, consumer nondurables, business equipment, and construction supplies. The only exception to the trend was defense and space equipment, which edged up fractionally and remained well ahead of last year's pace.

Retail sales declined further in January and reports by major department stores provide no evidence of a turnaround of customer behavior during February. Homebuilding also remained severely depressed, with housing starts running at an annual rate of only 894,000. Starts, which totaled above 2 million in 1977 and 1978 and which were at an annual rate of nearly 1.6 million a year ago, have now fallen short of a one million annual rate for six months in a row. Building permits did pick up in both December and January, however, possibly signaling some improvement ahead.

Employment remained essentially unchanged at 99.6 million between early December and the second week of February, after declining by 1.3 million from last July's peak. Unemployment also held steady at 8.8% between December and February (discounting a seasonal aberration that dropped January's rate to 8.5%), following a steady rise from 7.2% in July. Approximately 9.6 million Americans were unemployed, a figure that would be considerably higher if employers had reduced their payrolls in proportion to their cuts in production and sales. Thanks to the normal practice of holding administrative and key production employees in the face of declining product demand, output per hour paid in the nonfarm business sector declined at an annual rate of 6.8% during the fourth quarter.

News on the inflation front was good again for January. Continuing the marked improvement that first became evident last summer, the consumer price index advanced at an annual rate of only 3.6%. Food prices were up more than the all-commodity averages because of cold weather damage to some crops and a reduction of the volume of livestock put on the market, but markups for nonfood items were mostly small. Food prices could increase further during the months ahead, but inflation is generally expected to remain modest (6% to 8% at the most) through 1982 as the recession, surplus oil supplies, and weakness in the housing market continue to exert moderating influences.

The short-term outlook is for a further decline of business activity into the spring when unemployment could reach 9 1/2% or even higher according to some forecasts. The U.S. Commerce Department's index of leading economic indicators dropped sharply in January, thus far providing no hints that a recovery is developing. Economic forecasters generally expect the (revised) 4.7% drop of GNP during the fourth quarter to be followed by another sharp drop in the current quarter. A small further decline is likely for the second quarter, but most analysts agree that the economy should be back on an upward course by summer or early fall, fueled by a rebound of consumer spending and homebuilding.

THE STATE

The New Jersey economy continued to feel the effects of the deepening national recession during January and February, though still not as severely as many other parts of the country. Though private sector employment moved up in January on a seasonally adjusted basis, after dipping in December, this appears to reflect seasonal distortions that masked a further deterioration of labor market conditions. Industrial activity declined in January for the sixth month; homebuilding remained severely depressed; and increased layoffs caused unemployment insurance claims to climb steeply during the closing weeks of 1981 and then to remain high throughout January and February.

By historical standards, the 1981-82 recession thus far has been comparatively mild in New Jersey--pretty much mirroring the Garden State's experience during the 1980 recession. The weekly average of regular New Jersey unemployment insurance claims increased 16,100 between last July (the nation's pre-recession peak) and February when it reached 139,400. Total unemployment--which also includes those who have newly entered the labor force, persons who have exhausted benefits and others who are not collecting regular State UI benefits--advanced 34,000 to an estimated 291,000 over the same period based on N. J. Department of Labor estimates. These seven-month increases are not very different from advances of 17,400 for UI claims and 23,000 for total unemployment during the six-month span of the 1980 recession, which officially began in January 1980 and ended in July 1980.

The mildness of these increases during both recessions becomes apparent when they are compared with national trends. Prior to the 1980 recession, New Jersey's jobless rate averaged 1.1 percentage points above the national average (6.9% vs. 5.8% on the average in 1979). By the time that recession had run its course, the differential had been erased and the state and national rates were identical at 7.5%. This parity more or less held during the sluggish expansion period between mid-1980 and last July, when New Jersey's jobless rate was 7.2% compared with a national average of 7.0%. Since then, the national rate has jumped 1.8 percentage points to 8.8% in February while New Jersey's rate has risen 0.8 points to an estimated 8.0% based on N.J. Department of Labor estimates.

This favorable unemployment experience vis-a-vis the nation during the current recession is not supported by independent estimates published by the U.S. Bureau of Labor Statistics (BLS) based on its monthly survey of some 1,700 New Jersey households, but the BLS figures are subject to a wide margin of sampling error and clearly overstate the increase in unemployment since last summer. According to BLS, the state's jobless rate was only 6.1% last July; it then climbed to 9.4% by January and dropped back to 8.9% in February. The number of unemployed, according to these estimates, jumped 118,000 between July and January and then dropped 19,000 in February. An increase of this magnitude is implausible given the comparative stability of nonfarm wage and salary employment over the same period and the modest rise of unemployment insurance claims cited above.

The comparatively small increase in unemployment in New Jersey since last summer, as reflected in N.J. Department of Labor estimates, is attributable to the state's remarkably steady level of employment during a period of national recession. According to the N.J. Department of Labor's most recent monthly survey of employers, nonfarm wage and salary employment edged up by 1,900 from December on a seasonally adjusted basis to a near-record 3,095,000 as an increase of 6,500 in the private sector more than offset a temporary drop of 4,600 in government attributable mainly to between-semester staff reductions at colleges and universities. Even if January's estimate is shaved several thousand to compensate for seasonal aberrations, employment in the state has risen at least fractionally since last July when it totaled 3,088,300.

Though the recession has cost New Jersey 20,300 manufacturing jobs since last July, these factory layoffs have been offset by continued hiring in service industries. These roughly offsetting gains, of course, have not been enough to prevent unemployment from rising since the labor force was growing throughout this period. They have, however, softened the recession's impact and prevented unemployment from increasing as much as nationally.

Weakness in New Jersey's industrial sectors remained clearly evident in January and is likely to get worse before the recession bottoms out. Manufacturing employment declined 4,900 from December to January on a seasonally adjusted basis, with layoffs widely scattered over most industrial categories. This was the sixth consecutive decline and it dropped factory employment to an estimated 759,400--about 11,300 below its level at the trough of the 1980 recession. The factory workweek also dropped sharply, portending further employment cutbacks during the period ahead. The average workweek shrunk by 36 minutes to 40.0 hours, with 18 of 19 industry groups sharing in the reduction. Last January, the factory workweek averaged 40.9 hours.

Service-producing industries registered an employment gain of 6,700 in January, after adjusting for the layoffs that normally occur when the wintertime doldrums replace the hustle and bustle of the Christmas shopping season. All of the increase was in retail trade, where the apparent improvement is overstated because of seasonal abnormalities. While it is true that post-holiday layoffs were fewer than usual, this is not necessarily because of unseasonably strong January sales. What actually happened is that fewer than usual temporary workers were hired by department stores and apparel shops during December, when sales were less buoyant than normal because of the recession. As a result there were fewer temporary workers for stores to let go when the holiday season ended.

A more striking distortion in January's employment estimates occurred in construction, where employment is reported to have advanced by 4,800 on a seasonally adjusted basis. Part of the reported employment increase was real, thanks to the hiring of about 500 repair workers by the Salem nuclear generating station. Most of it was artificial, however, reflecting the fact that wintertime layoffs were fewer than usual because the industry was already severely depressed and staffed well below normal prior to the onset of winter.

When a highly seasonal industry like construction is in a slump, seasonally adjusted figures during the winter months tend to be significantly exaggerated because the computerized adjustment technique makes inadequate allowance for the fact that seasonal changes should be smaller than in normal times. The same happened last winter, when a jump in the seasonally adjusted employment figures for this industry misleadingly suggested that a recovery was in the making.

If allowance is made for the seasonal quirks affecting retail trade and construction, private sector employment showed no change at best and probably some deterioration in January. Further slippage of labor market conditions is likely for the months immediately ahead considering the fact that retail sales in the state continued to decline through December and that homebuilding contracts and building permits stayed depressed into January. These and other indicators, such as January's cut in the factory workweek and a continued high volume of initial claims for unemployment insurance through February, suggest that an economic upturn is still at least a few months away.

Though the recession has been relatively mild in New Jersey to date, it is likely to end up being more severe than the 1980 contraction by the time it fully runs its course, with unemployment climbing to 8 1/2% or higher during the second quarter. Joblessness in the state could remain below the 9 1/2% (or higher) level that economists are projecting for the nation as a whole if the recession ends soon. The prospects of New Jersey escaping the full brunt of the recession will progressively diminish, however, if the national downtrend continues beyond the spring and becomes increasingly generalized across all sectors of the economy.

COMPARATIVE ECONOMIC INDICATORS
NEW JERSEY AND UNITED STATES
(seasonally adjusted)

New Jersey Data			Series			Year to Date Percent Change from year ago	
Latest Month	Month ago	Year ago	Data for		Page No.	N.J.	U.S.
$ 7713	$ 7604	$ 7067	Nov	Personal income (millions)		+11.6	+11.5
$ 2802	$ 2841	$ 2741	Dec	Retail Sales (millions)	S-24	+ 6.9	+ 9.5
1892	1983	1788	Dec	New Business Incorporations (number)	S-18	+12.6	INA
49	17	30	Jun	Business Failures (number)	S-18	+10.0	+44.6
41.7	29.3	45.3	Dec	Dwelling Units Authorized (1967=100)	S-22	- 3.3	-18.4
$ 162.2	$ 289.2	$ 227.6	Jan	Construction Contracts (millions)*	S-20	-28.7	- 8.5
$ 40.0	$ 99.9	$ 78.4	Jan	Residential*	S-20	-49.0	-28.8
$ 101.6	$ 140.8	$ 111.8	Jan	Nonresidential*	S-20	- 9.1	-13.5
$ 20.6	$ 48.5	$ 37.3	Jan	Nonbuilding*		-44.8	+23.5
3095.0	3093.1	3082.2	Jan	Nonfarm Payroll Employment (thous.)	S- 8	+ 0.4	- 0.3
759.4	764.3	782.0	Jan	Manufacturing (thous.)		- 2.9	- 3.2
2335.6	2328.8	2300.2	Jan	Nonmanufacturing (thous.)		+ 1.5	+ 0.6
335	270	272	Jan	Total Unemployment (thous.) *official*	S- 4	+23.2	+15.9
9.4	7.7	7.6	Jan	Percent of Labor Force *official*	S- 6	--	--
137.6	138.1	130.5	Jan	Insured Unemployment (thous.)	S-26	+ 5.4	+18.9
4.7	4.7	4.5	Jan	Percent of covered employment	S-28	--	--
40.0	40.6	40.9	Jan	Average Factory Workweek (hours)	S-12	- 2.2	- 8.0
$ 8.26	$ 8.16	$ 7.72	Jan	Average Factory Hourly Earnings*	S-36	+ 7.0	+ 8.4
$329.57	$336.19	$314.98	Jan	Average Factory Weekly Earnings*	S-34	+ 4.6	- 0.02

See pages S-1 to S-3 for data notes on all the above listed series.
*Not seasonally adjusted
INA - Information Not Available

Occupational Outlook

for

New Jersey

1979-85

Thomas M. Sheppard, Jr.
Office of Demographic and Economic Analysis

This article is a summary of the report entitled Occupational Outlook for New Jersey 1979-85 produced by the Office of Demographic and Economic Analysis, Division of Planning and Research, New Jersey Department of Labor.

The data presented in this article update those released in the 1978 publication, *Occupational Projections-1985-for New Jersey and its Major Labor Areas* and present the first occupational employment data based on the results of the Occupational Employment Statistics (OES) survey of occupations in New Jersey. The OES survey attempts to identify the various occupations within industry and government and to estimate their number and geoprahic location. These industry staffing patterns are applied to base year employment estimates and projections for about 400 industries. Since these data are OES survey based rather than 1970 census of population based data, they are not comparable with those in previously published occupational projections reports.

It is important to note that these occupational projections were based on past trends which are assumed to continue into the future. Short-term economic fluctuations and major governmental policy shifts, such as the recent federal budget cutbacks, were not taken into consideration. Therefore, the occupational projections may be too high or too low, depending on actual economic conditions. This is especially true of occupations which are sensitive to economic cycles and government spending such as construction-craft, manufacturing-operative, teachers and government social service jobs.

A more detailed description of assumptions, methodology, and limitations as well as occupational employment estimates for 1979, projections to 1985, and estimates of average annual job openings for nearly 1,500 occupations are presented in the complete report. Only data for the state as a whole are available at this time.

OCCUPATIONAL OUTLOOK IN NEW JERSEY

Overall employment in New Jersey is projected to increase from 3,012,280 in 1979 to 3,314,090 by 1985. This represents an increase of 301,810 jobs or a 10% growth rate over the six-year time period. Growth rates among the major occupational groups are projected to vary from a high of 17.2% for service workers to only 4.9% for projection and maintenance workers.

Clerical workers will account for most of the growth in employment with an increase of 72,350 workers by 1985 or 24% of the total growth. Service workers will account for 23.3% and professional workers for 19.9% of the expected growth. Production and maintenance occupations which represented the largest occupational group with over 30% of all jobs in 1979, will account for only 15.4% of the projected growth. Sales and technical occupations will create the least amount of new employment, although on a percentage basis the number of technicians will grow quite rapidly.

Managers and Officers employment is expected to grow 9.3% from 273,230 in 1979 to 298,650 in 1985. This rate of growth is only slightly slower than the rate for all occupations. Managers' share of total employment is expected to remain relatively stable at about 9% over the 1979-85 time period. Specific occupations within this group include store managers, merchandise managers, restaurant and bar managers, and wholesalers.

Professional workers are expected to increase 14.2% from 1979 to 1985, from 424,010 to 484,020. This rate of growth is higher than the growth for all occupations of 10%. This faster than average growth will cause professional's share of total to increase slightly from 14.1% to 14.6% over the 1979-85 time period. Professional workers are employed largely in service industries which account for over 60% of all professionals. Specific industries employing large number of professionals include medical and educational services industries.

Technicians represent the smallest occupational group accounting for only 3.1% of the total employment. Employment of technicians is projected to increase 14.8% from 1979 to 1985, from 94,500 to 108,490 workers. This rate of growth is faster than the rate for all occupations. Technicians are primarily employed in service and manufacturing industries with nearly 80% of the total technician employment.

Service workers are the fastest growing occupational group. From 1979 to 1985 employment of service workers is expected to rise from 407,770 to 478,040 or a 17.2% increase. Service workers' share of total employment will increase from 13.5% to 14.4% during the 1979-85 time

Change to Survey-Based Projections

Occupational employment projections are made by utilizing a method called the industry-occupation (I-O) matrix technique. Reduced to its basic elements, the I-O matrix is a model representing the typical or average staffing pattern for each industry in the state economy. The matrix describes the relative proportion of employment in each occupation in an industry to total employment in that industry. Using this concept as a means of describing staffing patterns in each industry, it is possible to derive occupational projections by applying these staffing patterns to projections of industry employment.

Until recently, the only readily available data concerning industry staffing patterns for developing I-O matrices was Census of Population data. Although valuable, these census data were frequently lacking in timeliness and detail. These deficiencies led to the development of an alternate source of staffing data, the Occupational Employment Statistics Program. The OES survey, conducted in New Jersey by the Division of Planning and Research, in cooperation with the U.S. Department of Labor, is a periodic mail survey of a sample of nonfarm establishments which produces staffing patterns by industry.

This report represents the first occupational projections data for New Jersey that are survey, rather than census, based. In addition to being more timely, the survey data offer other advantages. The structured and industry-specific questionnaires which contain job descriptions should provide better quality information than that derived from the census, where self identification of occupations by census respondents is classified in a less detailed list. Additionally, because the survey is establishment, rather than residence, based the data more accurately reflect job structure within the area of study.

span. Service occupations that are expected to generate a large number of job opportunities are janitors, porters and cleaners, waiters/waitresses, nurses aides, guards and doorkeepers, and police (patrolman/woman).

Production and Maintenance workers are the largest occupational group in New Jersey accounting for over 30% of the total employment. This occupational group is projected to experience only modest growth in employment of 4.9% between 1979 and 1985 from 953,910 to 1,000,350. This is less than half of the rate of growth for all occupations and will cause production and maintenance's share of total employment to decline to 30.2% by 1985 from 31.7%.

Clerical workers employment is projected to rise from 665,210 workers to 737,560 between 1979 and 1985 or 10.9%. This rate of growth is only slightly better than that for all occupations and will cause clerical workers' share of total employment to remain fairly constant over the six-year time span. Specific occupations within the clerical group which are projected to offer substantial job opportunities are secretaries, typists, cashiers, bookkeepers and stock clerks.

Sales workers are expected to increase from 193,650 to 206,980 by 1985. This represents a growth rate of 6.9%, which is slower than the rate for all occupations. Growth will be due mainly to expansion of retail and wholesale trade industries, which employ nearly 80% of the sales workers. Demand should be moderate due to slow population growth and to labor-saving merchandising techniques.

JOB OPENINGS

Employment growth within a specific occupation represents only a part of the demand for that occupation. Job openings resulting from labor force separations due to death, illness or retirement represent significant employment opportunities. Between 1979 and 1985 this need to replace workers who leave the labor force is projected to account for nearly 70%, or 108,380 of the 158,520 job openings available annually in New Jersey.

Clerical occupations are expected to provide the greatest number of job openings with 37,190 or 23.5% of the total openings followed by production and maintenance with 35,480 or 22.4% and service occupations with 32,170 or 20.3%.

For copies of this report contact: Thomas Sheppard, Office of Demographic and Economic Analysis, Division of Planning and Research, New Jersey Department of Labor, CN383, Trenton, New Jersey 08625.

Table I. Estimated and Projected Employment by Major Occupational Group, 1979 - 1985

Occupational Group	Employment 1979	Percent of Total	Employment 1985	Percent of Total	1979-85 Employment Change	1979-85 Percent Change
Managers	273,230	9.1	298,650	9.0	25,420	9.3
Professionals	424,010	14.1	484,020	14.6	60,010	14.2
Technicians	94,500	3.1	108,490	3.3	13,990	14.8
Service Workers	407,770	13.5	478,040	14.4	70,270	17.2
Production & Maintenance Workers	953,910	31.7	1,000,350	30.2	46,440	4.9
Clerical Workers	665,210	22.1	737,560	22.3	72,350	10.9
Sales Workers	193,650	6.4	206,980	6.3	13,330	6.9
TOTAL	3,012,280	100.0	3,314,090	100.0	301,810	10.0

Hotel-Casino Employee Migration to the Atlantic City Region

Charles J. Crowley
Office of
Demographic and Economic Analysis

This report represents the first New Jersey State government attempt to quantify and describe the migration of hotel-casino employees to the Atlantic City region. The current and past county of residence as well as estimates of the level of migration are shown. Some demographic characteristics of hotel-casino employees by migrant and nonmigrant status are also presented. The findings are based on a sample survey of hotel-casino employees done by the New Jersey Department of Labor and the Casino Control Commission.

While 71% of the employees of the Atlantic City hotel-casinos were residents of Atlantic County in April 1981, nearly all of the employees (97%) were living in the greater Atlantic City region (Atlantic, Cape May, Ocean, Camden, Cumberland, Gloucester, and Burlington counties). Three percent of the employees were distributed throughout the rest of the state. In addition, three out of every four hotel-casino employees lived in the seven-county Atlantic City Region one year before application for a hotel-casino employee license. Over half of the employees lived in Atlantic County. These and other findings discussed in this article are based on a sample survey of hotel-casino employee files from the Casino Control Commission. The data were collected in May 1981 on a sample of persons employed in hotel-casinos in April 1981. At the time of the survey there were seven operating hotel-casinos--Resorts International, Boardwalk Regency, Bally Park Place, Brighton (Sands), Harrah's Marina, Golden Nugget, and Playboy.

SURVEY METHODOLOGY

The Casino Control Commission maintains files on all applicants for hotel-casino employee licenses. These files were the source of data for this survey. The sample was drawn from lists of current employees prepared by the individual hotel-casinos on a regular and continuing basis for the Commission. The most current list from each hotel-casino at the time of the data collection was used. The total number of employees was estimated to be 25,243 in April 1981. One in twelve employees was selected for inclusion in the sample. The desired sample size was 2,000 and a 1 in 12 selection would yield a sample of 2,104 employees. Missing items and unlocated files reduced the number of usable records to 2,060 which is 98% of sample selected. Particular missing items cause certain tables to have smaller bases, but these differences are negligible.

The standard errors are reported in tables showing univariate distributions. These statistics measure the error due to sampling, but not other errors that may be associated with data collection and processing or may be obtained in the records themselves. The standard errors for estimates based on the full sample are about 1% or smaller. Caution should be exercised when the estimate is small as the standard error will be high relative to the estimate. Since the survey was taken at one point in time, it does not reflect seasonal variation in Atlantic City employment.

FINDINGS

Current Residence

In April 1981, nearly 18,000 of the more than 25,000 hotel-casino employees were living in Atlantic County and 6,409 of these employees were living in Atlantic City. That is, about one-fourth of the employees were Atlantic City residents. Conversely, 3 of every 4 employees commute to Atlantic City to work in the hotel-casinos and 3 of 10 commute from outside the county. In 1970, only 10% of the persons employed in Atlantic County lived outside the county according to census data, substantially less than the hotel-casino workers.

As shown in table 1, those counties bordering on Atlantic have the greatest shares of hotel-casino employees with Cape May, Ocean, and Camden exceeding 1,000 employees. Every county in the state except Hunterdon was represented in the employee sample.

Past Residence

More than 3 or 4 employees, or more than 19,000, of the hotel-casinos lived in the seven-county Atlantic City region one year before application for a hotel-casino employee license. Over half of the employees (53%) lived in Atlantic County.

The distribution of past residence by county is shown in table 2. An estimated 18%, or 4,595 employees, were living outside New Jersey. Pennsylvania was the primary source of inmigrants with 1,863 persons while New York was the past state of residence for only 380 employees. Nevada, the only other state with legal casino gambling, was the past residence of 686 employees, Florida and California were other states with appreciable numbers of inmigrants. Many of the 184 foreign-resident inmigrants were from locations with casino gambling such as the Caribbean islands and England. Past residence by state and region is shown in table 3.

By comparing the data on tables 1 and 2, it can be shown that only Atlantic, Cape May, and Ocean counties experienced net increases in population among the hotel-casino employees. The net gain for Atlantic County was 4,676 which is the difference between the number of current residents and the number of residents one year before application for a hotel-casino employee license. Cape May added 801 persons from the employee population and Ocean had a net gain of 187 persons. While Camden was the current resi-

Table 1

CURRENT COUNTY OF RESIDENCE OF ATLANTIC CITY HOTEL-CASINO EMPLOYEES: APRIL 1981

COUNTY	NUMBER	PERCENT DISTRIBUTION	STANDARD ERROR OF PERCENT
ATLANTIC	17,996	71.29	0.92
CAPE MAY	1,806	7.15	0.52
OCEAN	1,363	5.40	0.46
CAMDEN	1,351	5.35	0.46
CUMBERLAND	700	2.77	0.33
GLOUCESTER	627	2.48	0.32
BURLINGTON	577	2.29	0.30
MONMOUTH	135	0.54	0.15
BERGEN	123	0.49	0.14
MERCER	98	0.39	0.13
MIDDLESEX	98	0.39	0.13
HUDSON	74	0.29	0.11
PASSAIC	61	0.24	0.10
UNION	61	0.24	0.10
ESSEX	49	0.20	0.09
SALEM	49	0.20	0.09
SOMERSET	24	0.10	0.06
SUSSEX	24	0.10	0.06
MORRIS	12	0.05	0.04
WARREN	12	0.05	0.04
HUNTERDON	0	0.00	0.00
TOTAL	25,243	100.00	

NOTE: Some totals in tables may not add due to rounding.

Table 2

COUNTY OF RESIDENCE OF ATLANTIC CITY HOTEL-CASINO EMPLOYEES ONE YEAR BEFORE APPLICATION FOR HOTEL-CASINO EMPLOYEE LICENSE: APRIL 1981

COUNTY	NUMBER	PERCENT DISTRIBUTION	STANDARD ERROR OF PERCENT
ATLANTIC	13,320	52.77	1.01
CAMDEN	1,593	6.31	0.49
CAPE MAY	1,005	3.98	0.40
OCEAN	1,176	4.66	0.43
CUMBERLAND	784	3.11	0.35
BURLINGTON	662	2.62	0.32
GLOUCESTER	637	2.52	0.32
MIDDLESEX	257	1.02	0.20
ESSEX	196	0.78	0.18
MONMOUTH	184	0.73	0.17
BERGEN	172	0.68	0.17
MERCER	172	0.68	0.17
HUDSON	110	0.44	0.13
UNION	97	0.39	0.13
SALEM	86	0.34	0.12
MORRIS	73	0.29	0.11
PASSAIC	73	0.29	0.11
SOMERSET	24	0.10	0.06
SUSSEX	12	0.05	0.04
WARREN	12	0.05	0.04
HUNTERDON	0	0.00	0.00
OUT OF STATE	4,595	18.20	0.78
TOTAL	25,243	100.00	

NOTE: Some totals in tables may not add due to rounding.

dence of 1,351 employees, it was the past residence of 1,593 employees and thus had a net loss of 242 persons among hotel-casino employees. Inmigration among these employees represents a significant flow of workers into Atlantic County, to a lesser extent into Cape May County, and to a very slight extent into Ocean County.

Another important factor accounting for the work force in Atlantic City hotel-casinos seems to be increased labor force participation of area residents. In Atlantic County, there were 2.4 residents for each person in the labor force in 1970; this ratio had dropped to 1.8 in 1980 according to Division of Planning and Research estimates. In the following section, the inmigration of persons in each of the counties of the Atlantic City region is reported.

Atlantic County Inmigration

Not surprisingly, Atlantic County as the location of New Jersey's hotel-casinos, was home to more than 7 out of every 10 hotel-casino employees in 1981, and the destination of most inmigrants. (An inmigrant is defined as a hotel-casino employee who currently lives in the county and who did not live in the county one year prior to application for a hotel-casino employee license.) Counties both within and outside the greater seven-county Atlantic City region showed substantial migration to Atlantic County. In addition, three-quarters of the migrants from outside the state settled in Atlantic County, accounting for about 19% of the county's hotel-casino employee-residents. Nevertheless, most, 13,107 of 17,996 (73%) of the current residents were also past residents and more than three in four residents came from the greater seven-county Atlantic City region.

Cape May Inmigration

Cape May had the second highest number of hotel-casino employees residing in the county and the largest proportion of inmigrants among its current residents, who are employed by the casinos. Less than one-half of the current residents of Cape May, who were employed by the hotel-casinos were past residents, with one-third of the current residents from outside New Jersey.

Ocean County Inmigration

Ocean County with 1,363 resident employees of hotel-casinos, is more like Atlantic than Cape May in that a very high proportion (76%) of its current residents in the hotel-casino employee

Table 3

RESIDENCE ONE YEAR BEFORE APPLICATION FOR ATLANTIC CITY HOTEL-CASINO EMPLOYEE LICENSE AND PLACE OF BIRTH FOR HOTEL-CASINO EMPLOYEES: APRIL 1981

	NUMBER	PERCENT DISTRIBUTION	STANDARD ERROR OF PERCENT
PAST RESIDENCE:			
NORTHEAST	23,097	91.50	0.56
MIDDLE ATLANTIC	22,952	90.92	0.58
NEW JERSEY	20,709	82.04	0.78
PENNSYLVANIA	1,863	7.38	0.53
NEW YORK	380	1.50	0.25
NORTH CENTRAL	98	0.39	0.13
SOUTH	637	2.52	0.32
WEST	1,054	4.18	0.41
FOREIGN	184	0.73	0.17
PUERTO RICO	172	0.68	0.17
PLACE OF BIRTH:			
NORTHEAST	19,415	76.91	0.85
MIDDLE ATLANTIC	19,055	75.49	0.87
NEW JERSEY	10,796	42.77	1.00
PENNSYLVANIA	6,531	25.87	0.89
NEW YORK	1,728	6.84	0.51
NORTH CENTRAL	701	2.78	0.33
SOUTH	2,447	9.69	0.60
WEST	307	1.22	0.22
FOREIGN	1,414	5.60	0.47
PUERTO RICO	959	3.80	0.39
TOTALS	25,243	100.00	

NOTE: Some totals in tables may not add due to rounding.

population were past residents. Migration of hotel-casino employees was relatively unimportant. There were only 332 inmigrants, and only 145 outmigrants. The Ocean County and Atlantic County figures indicate that the hotel-casinos provided job opportunities for persons already living in these areas.

Camden County Inmigration

Camden County is similar to Ocean County in many ways. The current number of resident hotel-casino employees is about the same. Also, most of Camden's resident-employees, 77%, were living in the county one year before applying for a hotel-casino employee license. In addition, Camden County had about as many inmigrants as Ocean County with 307 employees moving into the county, but 549 employees left the county.

Cumberland/Gloucester/Burlington Inmigration

A little more than 1,900 hotel-casino employees live in the remainder of the greater Atlantic City region--Cumberland, Gloucester, and Burlington counties. Migration was relatively unimportant in these counties.

In Cumberland County, only 61 of the 700 employees who were living in the county in April were inmigrants while 145 persons left the county. Gloucester County gained about as many inmigrants as it lost as outmigrants in the employee population; 207 moved out and 197 moved in. About 7 in 10 of the inmigrants were from the Atlantic City region, notably Camden, and the rest were non-New Jersey migrants. Burlington County retained about two-thirds of its past resident-employees and had a net loss of 85 persons.

Table 4

AGE, SEX, RACE, TYPE OF LICENSE AND YEAR OF APPLICATION FOR ATLANTIC CITY HOTEL-CASINO EMPLOYEE LICENSE FOR HOTEL-CASINO EMPLOYEES: APRIL 1981

	NUMBER	PERCENT DISTRIBUTION	STANDARD ERROR OF PERCENT
AGE:			
UNDER 20 YEARS	551	2.18	0.30
20 TO 24 YEARS	6,911	27.38	0.90
25 TO 29 YEARS	5,575	22.09	0.84
30 TO 34 YEARS	3,713	14.71	0.72
35 TO 39 YEARS	2,341	9.27	0.59
40 TO 44 YEARS	1,703	6.75	0.51
45 TO 49 YEARS	1,275	5.05	0.44
50 TO 54 YEARS	1,103	4.37	0.41
55 TO 59 YEARS	1,250	4.95	0.44
60 TO 64 YEARS	466	1.84	0.27
65 YEARS AND OVER	355	1.41	0.24
SEX:			
MALE	13,190	52.25	1.01
FEMALE	12,053	47.75	1.01
RACE:			
WHITE	18,756	74.30	0.89
NONWHITE	6,487	25.70	0.89
TYPE:			
HOTEL	9,866	39.09	0.99
CASINO	14,665	58.10	1.00
KEY CASINO	712	2.82	0.34
YEAR:			
1978	3,232	12.80	0.68
1979	10,291	40.77	1.00
1980	10,167	40.28	1.00
1981	1,554	6.16	0.49
TOTALS	25,243	100.00	

NOTE: Some totals in tables may not add due to rounding.

Among the seven counties of the Atlantic City region, only Atlantic and Cape May have experienced substantial inmigration as the result of employment in the Atlantic City casinos. These two counties have 86% of the out of state inmigrants and the major shares of within state and within region gains. Some of the characteristics of the employees which have been extracted from the Casino Control Commission records are examined in the next section.

The Hotel-Casino Employee Population

The median age of hotel-casino employees was about 29 years in April 1981. Two-thirds of the employees were under 40 years old. The age distribution is shown in table 4. There were more male than female employees - 52% versus 48%. Three of every four employees were identified as white (74%) and one-quarter non-white. Race was determined by identification from pictures in the employee's application file and could be influenced by errors inherent in such a procedure. This distribution is also shown in table 4.

About 43% of the employees were born in New Jersey and three-fourths were born in the Middle Atlantic states. One in ten of the employees was born in the South, about 6% were foreign born, and 4% were born in Puerto Rico. Neighboring Pennsylvania accounted for 26% of the employees' place of birth. These figures are shown in table 3.

There are four types of hotel-casino employee licenses. These are hotel employee, casino employee, key casino employee, and gaming school employee type of licenses. The license class determines the kind of hotel-casino jobs the employee is allowed to perform under Casino Control Commission regulations. A hotel-type license restricts an employee's work to hotel functions only. A casino-type license is for persons who are allowed to work in the casino in such occupations as dealer, teller, alcoholic beverage employee, and the like. Each employee has one and only one type of license at a time, but a casino-type license also permits employment in hotel occupations. Key casino employees are defined as management and supervisory level

Table 5

AGE, SEX, RACE, AND YEAR OF APPLICATION FOR ATLANTIC CITY HOTEL-CASINO EMPLOYEE LICENSE BY TYPE OF LICENSE FOR HOTEL-CASINO EMPLOYEES: APRIL 1981

	KEY CASINO		CASINO		HOTEL	
	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT DISTRIBUTION
AGE:						
UNDER 20 YEARS	0	0.00	172	1.17	380	3.86
20 TO 24 YEARS	37	5.17	4,013	27.36	2,859	28.98
25 TO 29 YEARS	86	12.07	3,669	25.02	1,816	18.41
30 TO 34 YEARS	123	17.24	2,553	17.41	1,043	10.57
35 TO 39 YEARS	160	22.41	1,252	8.54	920	9.33
40 TO 44 YEARS	160	22.41	908	6.19	638	6.47
45 TO 49 YEARS	25	3.45	601	4.10	650	6.59
50 TO 54 YEARS	61	8.62	565	3.85	479	4.85
55 TO 59 YEARS	49	6.90	614	4.18	589	5.97
60 TO 64 YEARS	12	1.72	172	1.17	282	2.86
65 YEARS AND OVER	0	0.00	147	1.00	209	2.11
SEX:						
MALE	512	71.93	7,592	51.77	5,069	51.38
FEMALE	200	28.07	7,073	48.23	4,797	48.62
RACE:						
WHITE	600	84.21	12,192	83.14	5,959	60.40
NONWHITE	112	15.79	2,473	16.86	3,807	39.60
YEAR:						
1978	87	12.28	1,830	12.48	1,306	13.24
1979	300	42.11	7,096	48.39	2,911	29.51
1980	325	45.61	5,366	36.59	4,466	45.27
1981	0	0.00	374	2.55	1,182	11.98
TOTALS	712	100.00	14,665	100.00	9,866	100.00

NOTE: Some totals in tables may not add due to rounding.

employees. There were no gaming school employees in the sample as this type of license is not for hotel-casino occupations. The distribution by type is shown in table 4. Hotel-licensed employees were 39% of the sampled employees, casino employees were the largest classification with 58%, and key casino employees were 3% of all employees. This was the distribution of current license types and did not reflect the current occupational distribution in the hotel-casinos since many persons working in hotel functions are believed to hold casino licenses. (As noted previously, a casino-type license also permits employment in hotel occupations.) Some characteristics of the employees by type of license are discussed below.

The year in which the employee first applied for a hotel-casino license is indicated at the bottom of table 4. In 1978, the first year of hotel-casino operations, about 13% of the employees applied for their license. About equal numbers applied in 1979 and 1980, while 6% of the licenses were applied for in the first four months of 1981.

As can be seen from table 5, the hotel-licensed employees tended to show higher representation in both the youngest and oldest age groups. Casino and hotel employees show nearly equal male and female proportions while key casino employees were more than 2 to 1 male. Nearly 2 of 5 hotel employees in the sample were nonwhite, while 16% of key casino and 17% of casino employees were nonwhite.

The last panel in table 5 shows the year of application for hotel-casino employee license by type of license. All key casino licensed employees in the sample had application dates prior to 1981. (Remember, less than 4 months of

Table 6

AGE, SEX, RACE, TYPE OF LICENSE, AND YEAR OF APPLICATION FOR ATLANTIC CITY HOTEL-CASINO EMPLOYEE LICENSE BY MIGRATION STATUS FOR HOTEL-CASINO EMPLOYEES: APRIL 1981

	"MIGRANTS"		"STAYERS"	
	NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT DISTRIBUTION
AGE:				
UNDER 20 YEARS	37	0.70	504	2.63
20 TO 24 YEARS	1,437	27.34	5,208	27.18
25 TO 29 YEARS	1,376	26.17	3,955	20.64
30 TO 34 YEARS	970	18.46	2,666	13.91
35 TO 39 YEARS	528	10.05	1,781	9.29
40 TO 44 YEARS	393	7.48	1,265	6.60
45 TO 49 YEARS	197	3.74	1,056	5.51
50 TO 54 YEARS	184	3.50	884	4.62
55 TO 59 YEARS	61	1.17	1,093	5.71
60 TO 64 YEARS	37	0.70	430	2.24
65 YEARS AND OVER	37	0.70	319	1.67
SEX:				
MALE	3,258	61.97	9,365	48.87
FEMALE	1,999	38.03	9,798	51.13
RACE:				
WHITE	4,119	78.35	13,910	72.59
NONWHITE	1,138	21.65	5,253	27.41
TYPE:				
HOTEL	1,707	32.48	7,976	41.62
CASINO	3,194	60.75	10,881	56.78
KEY CASINO	356	6.78	309	1.61
YEAR:				
1978	517	9.84	2,635	13.75
1979	2,228	42.39	7,857	41.00
1980	2,192	41.69	7,508	39.18
1981	320	6.09	1,161	6.06
TOTALS	5,257	100.00	19,163	100.00

NOTE: Some totals in tables may not add due to rounding.

1981 was represented in the survey.) Nearly half of the casino-type employees had applications dated from 1979 and largest number of hotel-type licenses were from 1980.

Migrants and Stayers

The current residents of the Atlantic City region can be classified as "migrants" and "stayers" according to their migration status. Migrants are employees who moved into the seven-county region and stayers are employees who were current residents as well as residents one year before their hotel-casino employee application date. In this section, the region is the boundary for migration rather than the county as used previously. The 19,163 stayers represented 76% of the employees and the 5,257 migrants were about 21% of the sample. The remaining 3% of the employees were currently living outside the region. Table 6 shows some of the characteristics of the migrants and stayers.

The migrants were somewhat younger than the stayers; 83% of the migrants were under 40 years of age versus 74% of the stayers. While less than 3% of the migrants were 55 years old and over, nearly 10% of the stayers were in this age group. A higher percentage of the migrants (62%) than of the stayers (49%) were men. Migrants were somewhat more likely than stayers to be white rather than nonwhite, 78% for migrants and 73% for stayers.

More of the migrants were key casino-type licensed employees (35% versus 30%) than stayers. (Again it should be mentioned that each employee has only one type of license at a time.) A migrant was more than 4 times as likely to have a key casino license than a stayer, probably as a result of few, if any, past residents of the region having the necessary experience in the casino industry in the first years of gambling in Atlantic City. About 42% of the stayers had hotel-type licenses while only 33% of the migrants had such a license. Most of the migrants as well as most of the stayers held casino employee licenses, 61% and 57%, respectively. The distributions of migrants and stayers by year of application show that migrants were only slightly more likely to have more recent application dates.

SUMMARY

This article is the first attempt to quantify and describe the inmigration of employees to the Atlantic City region. While speculation and "forecasts" have been plentiful, very little hard data on this population has been published or analyzed. Estimates of the level and direction of this inmigration stream published here show that only Atlantic and Cape May counties have been major recipients of hotel-casino employee inmigrants. This study has shown that the Atlantic City hotel-casinos have drawn the great majority of its employees from the Atlantic City region. The results of this study also document the movement of employees within the region showing the net gains and losses. Finally, the characteristics of employees, to the extent that the data source allowed, were presented and discussed. It is hoped that these findings can provide a basis for planning and research related to employment generated by the hotel-casino industry in Atlantic City.

An expanded report based on this survey will be published by the Division of Planning and Research. Persons who wish to receive this report should write to the Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor, CN 388, Trenton, New Jersey 08625, (609-292-2661).

Economic Briefs

NEW JERSEY REQUESTS UI ADVANCE

New Jersey recently applied to the U.S. Department of Labor for an advance of $35,000,000 to its unemployment insurance trust fund in order to continue the payment of benefits to eligible claimants during the month of April. The shortfall is expected to occur because benefit payments are fairly evenly distributed throughout the month, while the bulk of employer and employee first quarter tax revenues are not realized until the last week of April.

Although approval of the state's request will confer borrowing authority of $35 million, the amount actually transferred into the fund will be determined by the shortfall experienced on a daily basis and so could total somewhat less than that amount. At this time it is anticipated that no further borrowing will be necessary during the remainder of this year.

New Jersey first sought these advances, which are authorized under a section of the Social Security Act, during the severe recession of 1974-75 when an unprecedented level of benefits payments resulted in a severe drain on trust fund resources. From 1975 to 1978, a total of $735 million was borrowed. Since then, New Jersey has repaid $125 million leaving an outstanding balance of $610 million as of February 28, 1982. During 1982, New Jersey employers will repay an additional $90-100 million through a 0.6% annual increase in federal unemployment taxes.

In addition, although earlier loans were interest-free, any made after April 1, 1982 will be interest-bearing unless, as is expected in the case of New Jersey, the loan is for short-term, cash-flow purposes, is repaid in full by September 30, and no other loan is requested within same calendar year.

EXTENDED BENEFITS TRIGGER ON IN N.J.

New Jersey's Extended Benefits (EB) program triggered "on" for the week of insured unemployment ending February 13, 1982, with benefit payments beginning the week of February 28.

The EB program, initiated in 1971, provides up to an additional 13 weeks of benefits to individuals who have exhausted their entitlement to benefits under the Regular Unemployment Insurance Program (maximum entitlement of 26 weeks).

EB triggers "on" when the EB trigger rate (a measure of insured unemployment) equals or exceeds 5.0%; or, when the trigger is at least 4.0% and 120% of the average rate for that same week in the prior two years. The last extended benefits period ended on July 18, 1981.

The Omnibus Budget Reconciliation Act (OBRA) of 1981, signed on August 13, 1981, effected major changes in the EB program including the method by which the EB trigger rate is calculated. For a more detailed account of the OBRA and its effects on the EB and other unemployment insurance programs, see issue number 210 of the *Economic Indicators* (October 15, 1981).

LOCAL PROPERTY TAXES CLIMB

After a slight decline in fiscal 1979, due primarily to the impact of California's Proposition 13, property taxes continued to increase throughout the United States.

The January 1982 issue of Monthly Tax Feature, the monthly publication of Tax Foundation Inc., reported that, on a per capita basis, property taxes in fiscal 1980 reached $302 for every man, woman and child in the U.S. population. This figure reflected an 80 percent increase over the 1970 figure of $168.

Per capita property taxes were highest in Alaska ($900 per state resident) and lowest in Alabama ($79 per capita). New Jersey had the fifth highest per capita property tax in the nation ($499). This figure reflected a 106 percent increase over the 1970 figure of $242.

Additional information can be obtained by writing to the Tax Foundation Inc., 1875 Connecticut Avenue, N.W., Washington, D.C. 20009 or by calling (202) 328-4500.

Tax Foundation Incorporated is a nonprofit organization engaged in nonpartisan research and public education on the fiscal and management aspects of government.

FACTORY EMPLOYMENT RISES SHARPLY

A report just issued by the Bureau of the Census, U.S. Department of Commerce reveals that the number of jobs associated with the export of manufactured goods rose sharply from 1977 to 1980.

Almost 4.8 million export-related jobs were reported in the publication Origin of Exports of Manufactured Products. This figure represents a 46.7 percent increase over the 1977 figure.

California had the largest number of export related jobs, 518,000. New Jersey with a total of 176,000 ranked eighth among the individual states.

The report can be purchased for 70 cents, prepaid, from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233.

WORK STOPPAGES REPORT DISCONTINUED

The monthly report of Work Stoppages in New Jersey is being discontinued because of budget cuts at the federal level. The report containing data for December 1981 was the last issue of the series. In the past, the New Jersey Department of Labor, Division of Planning and Research has cooperated with the United States Bureau of Labor Statistics in producing information on work stoppages. However, the Bureau of Labor Statistics will not be producing or funding the collection of any work stoppages information for 1982 or future years. It is regrettable that in this rapidly changing labor climate that this important measure of work stoppages must be discontinued.

1981 WAGE AND SALARY SURVEY FOR ATLANTIC CITY

On January 7, 1982 the Bureau of Labor Statistics released the latest wage and salary survey for the Atlantic City area.

The survey includes data for a selected group of white and blue collar occupations in Atlantic County.

Business establishments employing 50 or more workers were included in the study. A total of 58 firms, employing over 36,000 workers was selected for the survey. These employers were engaged in a wide variety of industries including manufacturing; transportation, communications and other utilities; trade; finance, insurance and real estate; and services. The selected sample represented about 120 firms employing over 47,000 workers.

A comparison between the 1980 data and the 1981 data is given in Table 1 for similar occupations where data are available for both years.

Copies of the Atlantic City wage and salary survey may be obtained free of charge from the Bureau of Labor Statistics, 1515 Broadway, Suite 3400, New York, New York 10036.

Table 1. AVERAGE STRAIGHT-TIME HOURLY EARNINGS FOR SELECTED OCCUPATIONS IN ATLANTIC CITY, N.J.[1]

Occupation	Hourly Earnings August 1980	Hourly Earnings August 1981	Percent Change
Secretary	$6.06	$ 6.46	6.6%
Typist	4.49	4.94	10.0
File Clerk	3.94	4.33	9.9
Switchboard Operator	4.43	5.30	19.6
Computer Operator	7.17	7.22	.7
Maintenance Carpenter	9.49	9.54	.5
Maintenance Electrician	9.46	10.07	6.4
Maintenance Mechanic (Motor Vehicles)	8.74	9.37	7.2
Stationary Engineer	9.04	10.10	11.7
Truck Driver	9.84	11.33[2]	15.1
Material Handling Laborer	4.95	6.30	27.2
Forklift Operator	7.67	8.61	12.2
Guard	5.58	6.06	8.6
Janitor, Porter, Cleaner	4.44	4.99	12.3

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[1] Earnings exclude premium pay for overtime and for work on weekends, holidays and late shifts.

[2] Of the 144 workers in this occupation 80 were at $12.80 to $13.40.

STATISTICAL SECTION

SEASONAL ADJUSTMENT OF DATA

All charts, except charts I thru VI and where otherwise noted, contain data seasonally adjusted by the X-11 variant of the U.S. Census Bureau program; multiplicative methods have been used for all series except Series 24 which is adjusted by the additive method.

Data for 1975 and subsequent years in charts I thru VI have been seasonally adjusted using the ARIMA (Auto-Regressive Integrated Moving Average) method of seasonal adjustment developed by Statistics Canada.

TABLE NOTES

Preliminary and revised data are indicated by a "p" or "r" after the entry.

CHART NOTES

Unless otherwise noted, all graphs were developed with seasonally adjusted data. Some series were plotted with the following variations noted on the graph itself:

Moving Averages. Series where the monthly data vary erratically have been plotted with moving averages and with nonaveraged data superimposed for the most recent years.

Ratio Scales. Where ratio scales were used to show constant rates of change as straight lines, this has been noted; otherwise, the graph is on an arithmetic scale.

Inverted Scales. For series where declines are associated with economic expansion (such as unemployment and business failures) an inverted scale has been used and noted.

Since the scale of each series is determined by the volume and trend of the data time series, a graph may not be comparable to other graphs on the same or other pages of the report.

MONTHLY AVERAGES

Boxed on each graph are the monthly averages of the series data for recent years to be used as a benchmark for evaluating current monthly data.

SHADED AREAS

Periods identified by the National Bureau of Economic Research (NBER) as ones of general national contraction have been shaded. They include the periods December 1969-November 1970 November 1973-March 1975, and January 1980-July 1980.

SERIES	SOURCES
1-16	NJ Department of Labor Division of Planning and Research
17	US Bureau of Labor Statistics
18-21	NJ Department of Labor Division of Planning and Research
22-23	Dun & Bradstreet, Inc.
24	New Jersey Bell Telephone Company
25-27	McGraw-Hill Information Systems Company, F.W. Dodge Division
28-30	NJ Department of Labor Division of Planning and Research
31-32	US Bureau of the Census
33	NJ Division of Motor Vehicles
34-42	NJ Department of Labor Division of Planning and Research

SERIES	NOTES
1-6	The RESIDENT LABOR FORCE INDICATORS are estimated by two different methodologies. The *official series* is based on the U.S. Bureau of Labor Statistics monthly survey of some 1,780 New Jersey households. The *unofficial series* is based on a combination of unemployment insurance claims, employer survey data, estimating formulas, and household survey benchmarks, which produce data more reliable as economic indicators. Both data series are based upon population estimates and weights derived from the 1980 U.S. Census of Population. *Official series* data for 1980 have been revised due to a one-year addition of 150 sampling units to the monthly household panel in New Jersey which is part of the national Current Population Survey (CPS). In 1981, the sample size was reduced to the pre-1980 level of about 1,780 households. *Unofficial series* data have been adjusted to a 1981 benchmark.

SERIES NOTE

Estimates for all years have been revised based on updated seasonal adjustment factors incorporating the experience of 1981.

The LABOR FORCE PARTICIPATION RATE and the EMPLOYMENT/POPULATION RATIO (Series 4 and 5) are expressed as percentages of the civilian noninstitutional population aged 16 years and over.

7-12 The ESTABLISHMENT EMPLOYMENT INDICATORS are generated from a monthly survey of employers on the number of persons who worked or received pay for any part of the pay period including the 12th of the month. The series are adjusted to March 1980 benchmarks and reflect the 1972 SIC (Standard Industrial Classification Manual) changes.

PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (Series 8) is computed by subtracting government employment from total nonfarm payroll employment.

SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (Series 12) includes the industries of trade, services, finance/insurance/real estate, and transportation/communications/public utilities.

13 MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS is developed from a monthly survey of employers on the number of nonsupervisory employees in the manufacturing sector who worked during or received pay for any part of the pay period including the 12th of the month. The series are adjusted to 1980 benchmarks and reflect the 1972 SIC changes.

14 MANUFACTURING WORKWEEK - PRODUCTION WORKERS is derived from a monthly survey of employment and earnings. The workweek is estimated by dividing AGGREGATE MANUFACTURING WEEKLY MANHOURS by MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS. There was a substantial drop in the workweek in February 1978 due to a snowstorm.

15 AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS are estimated from a monthly survey of the manhours worked by manufacturing production workers.

16 WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors. Data are not seasonally adjusted.

17 The CONSUMER PRICE INDEX (CPI) measures the change in prices of a fixed market basket of goods and services purchased by urban workers. The index represents price changes for everything people buy for living -- food, clothing, automobiles, homes, furnishings, fuel, drugs; fees to doctors, lawyers, and beauty shops; and rent, repair costs, transportation fares, public utility rates, etc. All taxes (sales, excise, real estate, etc.) directly associated with the purchase and continued ownership of an item are included in the price. Income and other personal taxes not associated with prices of specific goods are excluded.

SERIES NOTE

The data series reproduced in the report are the *Urban Wage Earners and Clerical Workers* series (CPI-W).

The U.S. CPI is the *U.S. City Average*.

The N.Y. CPI is for the *New York, N.Y.-Northeastern New Jersey* area which includes in New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union counties; and in New York: New York City, Nassau, Rockland, Suffolk, and Westchester counties.

The Phila. CPI is for the *Philadelphia, Pa.-New Jersey* area which includes in New Jersey: Burlington, Camden, and Gloucester counties; and in Pennsylvania Bucks, Chester, Delaware, Montgomery, and Philadelphia counties.

Questions on the use of the CPI should be addressed to the U.S. Bureau of Labor Statistics offices in New York City (212) 944-3121 or in Philadelphia (215) 596-1154.

THERE IS NO NEW JERSEY CONSUMER PRICE INDEX NOR COST OF-LIVING INDEX.

18 NET SPENDABLE EARNINGS are calculated by adjusting gross average weekly earnings for the effects of state and federal taxes and inflation. Federal tax adjustments are made by the New Jersey Department of Labor according to a formula previously developed by the U.S. Department of Labor. Inflation adjustments are based on the average *Consumer Price Index for Urban Wage Earners and Clerical Workers* in the New York -Northeastern New Jersey and the Philadelphia-New Jersey areas. The data are not seasonally adjusted.

19-21 The LABOR TURNOVER INDICATORS are collected by a survey of employers counting the number of accessions, separations, and quits that occurred during the entire month. The series reflect the 1972 SIC changes.

24 The NET GAIN IN BUSINESS TELEPHONES reflects the transactions of the New Jersey Bell Telephone Company only and does

SERIES NOTE

not include the transactions of other private companies operating in New Jersey.

25-27 The CONSTRUCTION CONTRACTS INDICATORS are proprietary data provided by special permission of the F.W. Dodge Division, McGraw-Hill Information Systems Company.

The cumulative data presented in the table on page 4 are not the sum of the data contained in series 25, 26, and 27. The cumulative data contain retroactive revisions not attributed to a specific month. Due to an atypically large revision, retroactive to June 1980, the 1981 year-to-year cumulative comparisons of residential construction contracts show a decline not reflected in Series 25 and 26. These unadjusted data are published as received from F.W. Dodge.

TOTAL CONSTRUCTION CONTRACTS AWARDED (Series 25) is not the sum of the published components; it also includes heavy engineering contracts. Series 25 was seasonally adjusted independently and is not the sum of the seasonally adjusted components. For this reason, in some months, the published components may add up to more than the total contracts data (Series 25).

Series 25 was affected by a $2 billion contract for nuclear generating facilities in April 1977 and a $900 million contract for an electric power and heating system in February 1978. To avoid distortions these awards were omitted from the computations to determine seasonally adjusted figures but were returned to the total after the remaining data were seasonally adjusted. They were also omitted from the monthly average components.

28-30 The RESIDENTIAL BUILDING PERMITS INDICATORS are compiled as of the fifth day of the second following month and are not revised as subsequent reports are received. Since the reports from all New Jersey municipalities are never received by the cutoff data, preliminary figures are used for both the current and the historical series in order to ensure comparability. Final monthly data incorporating late reports appear in the annual summaries of *New Jersey Residential Building Permits,* published by the Division of Planning and Research.

DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (Series 28) data were seasonally adjusted independently and are not the sum of the seasonally adjusted components. For this reason, in some months, the published components may add up to more than the total (Series 28) data.

DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (Series 30) include all multifamily structures with five or more units, except those in public housing.

SERIES NOTE

31-32 The figures prior to 1970 for SALES OF RETAIL STORES were adjusted by the New Jersey Department of Labor to account for sample revisions introduced in 1968 by the U.S. Census Bureau.

SALES OF RETAIL STORES IN 1967 DOLLARS (Series 31) has been deflated by the "Commodities only" component of the average New York-Northeastern New Jersey and Philadelphia-New Jersey *Consumer Price Index for All Urban Consumers.*

36 WEEKS CLAIMED - WEEKLY AVERAGE is computed by dividing the total number of weeks claimed (intrastate and interstate agent under Regular UI program only) in the month by the number of weeks in the month.

37 The INSURED UNEMPLOYMENT RATE (IUR) is a weekly average of claimants (intrastate and interstate agent claims under the regular state program only) as a percent of the estimated covered employment.

The current INSURED UNEMPLOYMENT RATE data may not be comparable with earlier data. Beginning with the IUR statistics for the fourth quarter of 1978, the covered employment denominator was inflated by an extension of coverage to approximately 480,000 additional workers which has produced an artificial "deflation" of the IUR statistics. The expanded coverage was phased into the calculations of the official IUR formula in four approximately equal steps effective in October 1978 and in January, April, and July 1979.

38 The INITIAL CLAIMS WEEKLY AVERAGE represents intrastate and interstate agent claims under the regular state program only.

39 The UNEMPLOYMENT INSURANCE EXHAUSTIONS are from the state program only.

40-42 The industry INSURED UNEMPLOYMENT data are derived from a three percent sample of all claimants under the regular state unemployment insurance program. The data reflect the number of insured unemployed during the week containing the 12th of the month, although the data are a count of the claims filed during the week containing the 19th of the month.

INSURED UNEMPLOYMENT IN SERVICE PRODUCING INDUSTRIES (Series 42) includes the industries of transportation/communications/public utilities, trade, finance/insurance/real estate, and services.

TABLE I RESIDENT LABOR FORCE INDICATORS - I

1. CIVILIAN LABOR FORCE (000) Seasonally Adjusted Data

Date	1979		1980		1981		1982	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	3,551	3,523	3,603	3,584	3,598	3,602	3,579	3,627
Feb	3,592	3,534	3,583	3,594	3,572	3,597		
Mar	3,560	3,543	3,582	3,593	3,634	3,577		
Apr	3,502	3,536	3,561	3,585	3,637	3,581		
May	3,504	3,549	3,581	3,584	3,645	3,549		
Jun	3,561	3,556	3,608	3,579	3,577	3,562		
Jul	3,551	3,566	3,607	3,575	3,553	3,567		
Aug	3,567	3,568	3,581	3,573	3,545	3,567		
Sep	3,617	3,574	3,557	3,574	3,530	3,576		
Oct	3,563	3,582	3,570	3,577	3,568	3,583		
Nov	3,522	3,568	3,558	3,581	3,554	3,590		
Dec	3,594	3,576	3,584	3,582	3,519	3,591		

Data have been revised; please see page 1.

2. RESIDENT EMPLOYMENT (000) Seasonally Adjusted Data

Date	1979		1980		1981		1982	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	3,301	3,275	3,357	3,339	3,326	3,332	3,244	3,331
Feb	3,314	3,285	3,380	3,348	3,312	3,330		
Mar	3,312	3,293	3,342	3,340	3,334	3,312		
Apr	3,292	3,288	3,329	3,330	3,351	3,317		
May	3,257	3,308	3,299	3,318	3,370	3,293		
Jun	3,321	3,318	3,327	3,312	3,325	3,307		
Jul	3,293	3,323	3,337	3,307	3,336	3,310		
Aug	3,304	3,325	3,324	3,307	3,300	3,308		
Sep	3,382	3,327	3,289	3,312	3,289	3,317		
Oct	3,314	3,325	3,302	3,318	3,313	3,325		
Nov	3,275	3,326	3,284	3,315	3,288	3,327		
Dec	3,365	3,331	3,301	3,322	3,249	3,323		

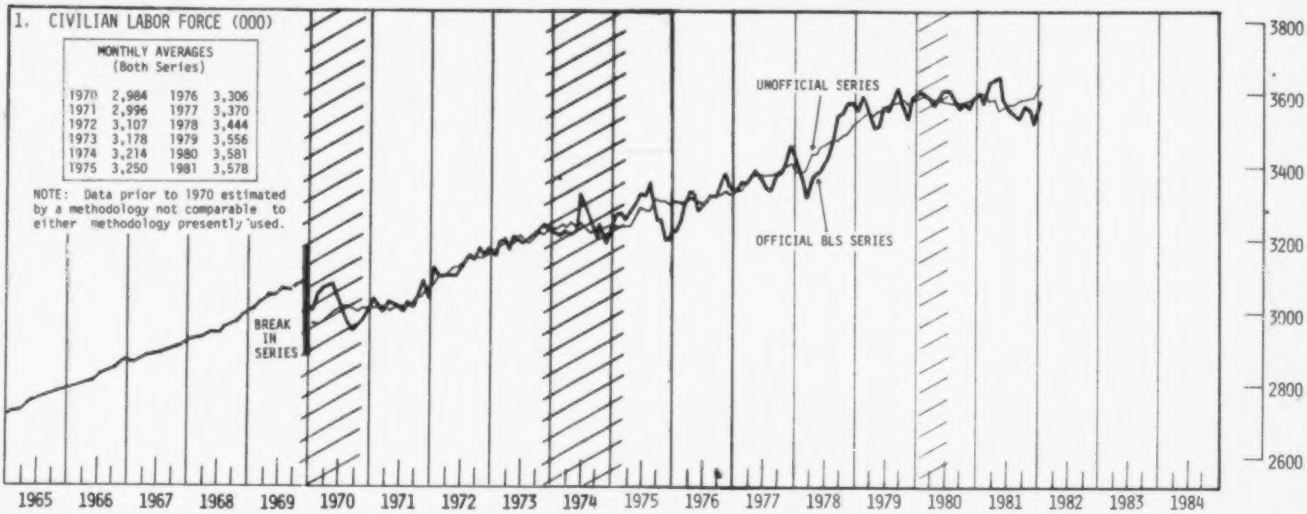
Data have been revised; please see page 1.

3. UNEMPLOYMENT (000) Seasonally Adjusted Data

Date	1979		1980		1981		1982	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	250	249	246	245	272	270	335	296
Feb	278	249	203	246	260	267		
Mar	248	250	240	252	300	265		
Apr	210	248	232	255	286	263		
May	247	241	282	266	275	257		
Jun	240	239	281	267	252	255		
Jul	258	243	270	268	217	257		
Aug	263	243	257	265	245	260		
Sep	235	246	268	262	241	260		
Oct	249	257	268	259	255	259		
Nov	247	242	274	266	266	263		
Dec	229	245	283	261	270	269		

Data have been revised; please see page 1.

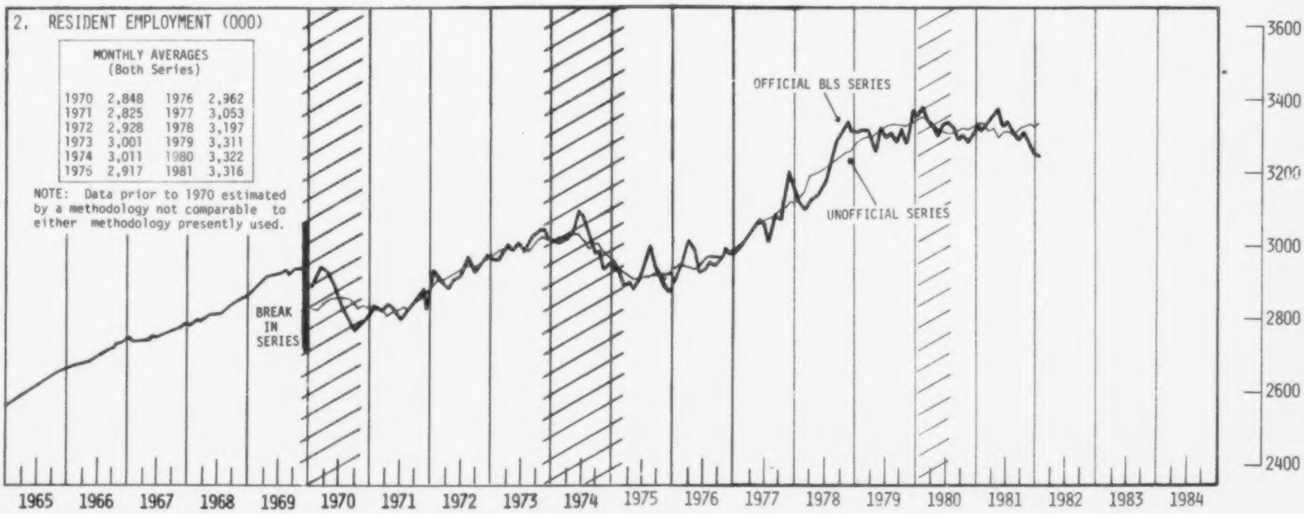
CHART I RESIDENT LABOR FORCE INDICATORS — I



MONTHLY AVERAGES
(Both Series)

1970	2,984	1976	3,306
1971	2,996	1977	3,370
1972	3,107	1978	3,444
1973	3,178	1979	3,556
1974	3,214	1980	3,581
1975	3,250	1981	3,578

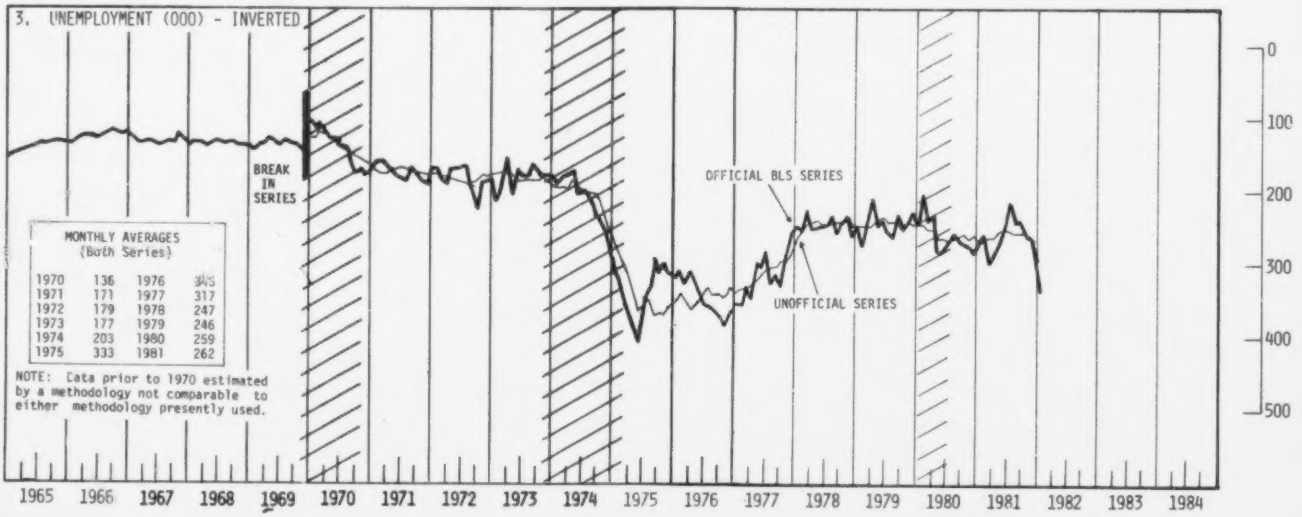
NOTE: Data prior to 1970 estimated by a methodology not comparable to either methodology presently used.



MONTHLY AVERAGES
(Both Series)

1970	2,848	1976	2,962
1971	2,825	1977	3,053
1972	2,928	1978	3,197
1973	3,001	1979	3,311
1974	3,011	1980	3,322
1975	2,917	1981	3,316

NOTE: Data prior to 1970 estimated by a methodology not comparable to either methodology presently used.



MONTHLY AVERAGES
(Both Series)

1970	136	1976	345
1971	171	1977	317
1972	179	1978	247
1973	177	1979	246
1974	203	1980	259
1975	333	1981	262

NOTE: Data prior to 1970 estimated by a methodology not comparable to either methodology presently used.

TABLE II RESIDENT LABOR FORCE INDICATORS - II

4. LABOR FORCE PARTICIPATION RATE (%) Seasonally Adjusted Data

Date	1979		1980		1981		1982	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	64.4	63.9	64.8	64.5	64.1	64.2	63.1	63.9
Feb	65.1	64.1	64.5	64.7	63.6	64.0		
Mar	64.5	64.2	64.4	64.6	64.7	63.7		
Apr	63.4	64.0	64.0	64.4	64.7	63.7		
May	63.4	64.2	64.3	64.4	64.7	63.0		
Jun	64.3	64.3	64.7	64.2	63.5	63.2		
Jul	64.1	64.4	64.6	64.0	63.0	63.2		
Aug	64.4	64.4	64.1	64.0	62.8	63.2		
Sep	65.2	64.5	63.6	63.9	62.5	63.3		
Oct	64.2	64.6	65.6	63.9	63.1	63.4		
Nov	63.5	64.3	63.5	63.9	62.8	63.4		
Dec	64.7	64.4	63.9	63.9	62.1	63.4		

Data have been revised; please see page 1.

5. EMPLOYMENT/POPULATION RATIO (%) Seasonally Adjusted Data

Date	1979		1980		1981		1982	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	59.9	59.4	60.4	60.1	59.3	59.4	57.2	58.7
Feb	60.1	59.6	60.8	60.2	59.0	59.3		
Mar	60.0	59.7	60.1	60.1	59.3	58.9		
Apr	59.6	59.5	59.8	59.9	59.6	59.0		
May	58.9	59.8	59.2	59.6	59.9	58.5		
Jun	60.0	59.9	59.7	59.4	59.0	58.7		
Jul	59.5	60.0	59.8	59.2	59.1	58.7		
Aug	59.6	60.0	59.5	59.2	58.5	58.6		
Sep	61.0	60.0	58.8	59.2	58.2	58.7		
Oct	59.7	59.9	59.0	59.3	58.6	58.8		
Nov	59.0	59.9	58.6	59.2	58.1	58.8		
Dec	60.6	60.0	58.9	59.2	57.4	58.6		

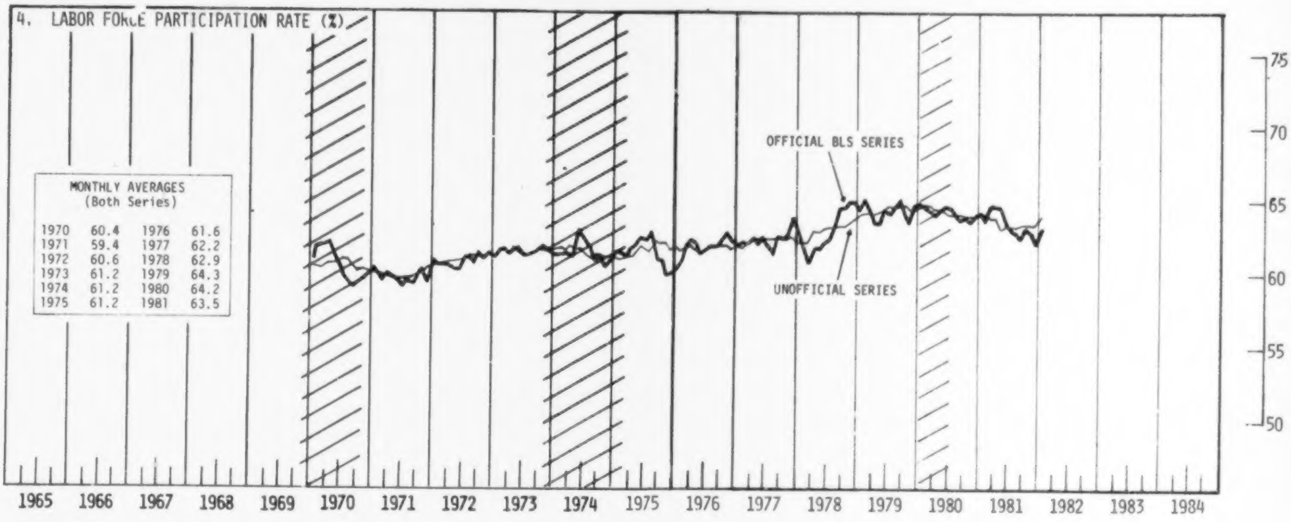
Data have been revised; please see page 1.

6. UNEMPLOYMENT RATE (%) Seasonally Adjusted Data

Date	1979		1980		1981		1982	
	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.	Off.	Unoff.
Jan	7.0	7.1	6.8	6.8	7.6	7.5	9.4	8.2
Feb	7.7	7.0	5.7	6.8	7.3	7.4		
Mar	7.0	7.1	6.7	7.0	8.3	7.4		
Apr	6.0	7.0	6.5	7.1	7.9	7.4		
May	7.0	6.8	7.9	7.4	7.5	7.2		
Jun	6.7	6.7	7.8	7.4	7.0	7.2		
Jul	7.3	6.8	7.5	7.5	6.1	7.2		
Aug	7.4	6.8	7.2	7.4	6.9	7.3		
Sep	6.5	6.9	7.5	7.3	6.8	7.3		
Oct	7.0	7.2	7.5	7.2	7.1	7.2		
Nov	7.0	6.8	7.7	7.4	7.5	7.3		
Dec	6.4	6.8	7.9	7.3	7.7	7.5		

Data have been revised; please see page 1.

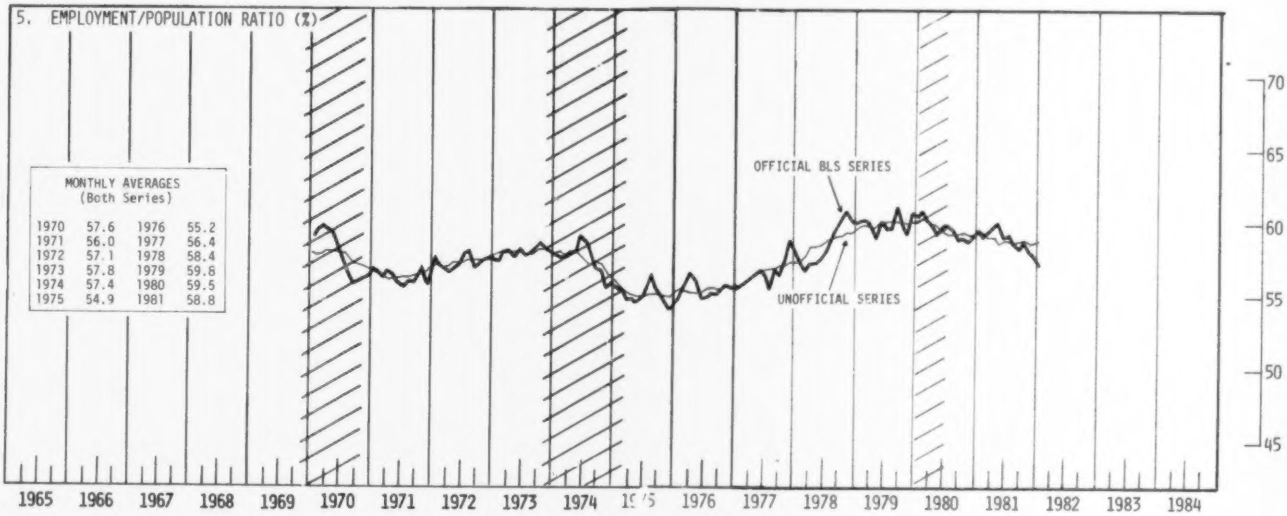
CHART II RESIDENT LABOR FORCE INDICATORS — II



4. LABOR FORCE PARTICIPATION RATE (%)

MONTHLY AVERAGES
(Both Series)

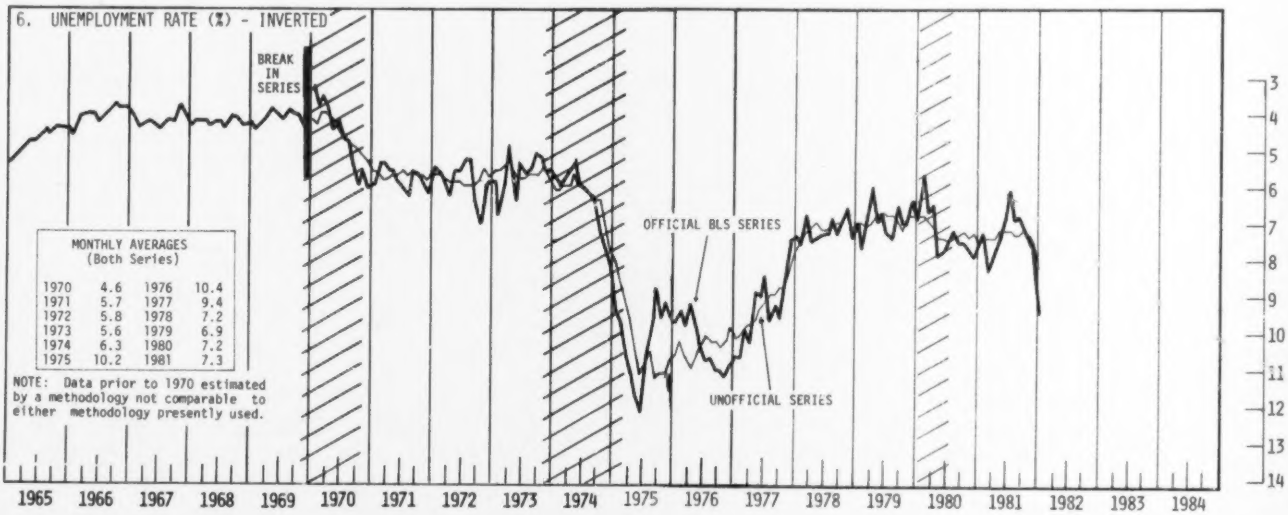
1970	60.4	1976	61.6
1971	59.4	1977	62.2
1972	60.6	1978	62.9
1973	61.2	1979	64.3
1974	61.2	1980	64.2
1975	61.2	1981	63.5



5. EMPLOYMENT/POPULATION RATIO (%)

MONTHLY AVERAGES
(Both Series)

1970	57.6	1976	55.2
1971	56.0	1977	56.4
1972	57.1	1978	58.4
1973	57.8	1979	59.8
1974	57.4	1980	59.5
1975	54.9	1981	58.8



6. UNEMPLOYMENT RATE (%) - INVERTED

MONTHLY AVERAGES
(Both Series)

1970	4.6	1976	10.4
1971	5.7	1977	9.4
1972	5.8	1978	7.2
1973	5.6	1979	6.9
1974	6.3	1980	7.2
1975	10.2	1981	7.3

NOTE: Data prior to 1970 estimated by a methodology not comparable to either methodology presently used.

TABLE III ESTABLISHMENT EMPLOYMENT INDICATORS - I

7. NONFARM PAYROLL EMPLOYMENT (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	2940.6	3005.3	2991.3	3056.5	3016.1	3082.2	3028.0p	3095.0p
Feb	2940.0	3016.4	2995.4	3073.9	3015.1	3094.4		
Mar	2976.5	3025.4	3022.1	3070.9	3039.0	3089.5		
Apr	2992.4	3010.2	3041.8	3059.2	3070.8	3088.9		
May	3029.4	3022.4	3059.4	3052.1	3078.4	3071.1		
Jun	3084.5	3024.1	3103.1	3042.5	3140.7	3079.4		
Jul	3077.8	3030.2	3085.8	3037.8	3138.0	3088.3		
Aug	3079.7	3030.9	3084.2	3035.1	3132.6	3081.9		
Sep	3047.3	3032.3	3057.3	3044.7	3105.5	3091.6		
Oct	3050.6	3036.3	3065.4	3053.5	3107.9	3095.9		
Nov	3053.1	3041.7	3066.8	3057.9	3105.7	3097.2		
Dec	3056.6	3052.1	3074.8	3073.3	3094.2r	3093.1r		

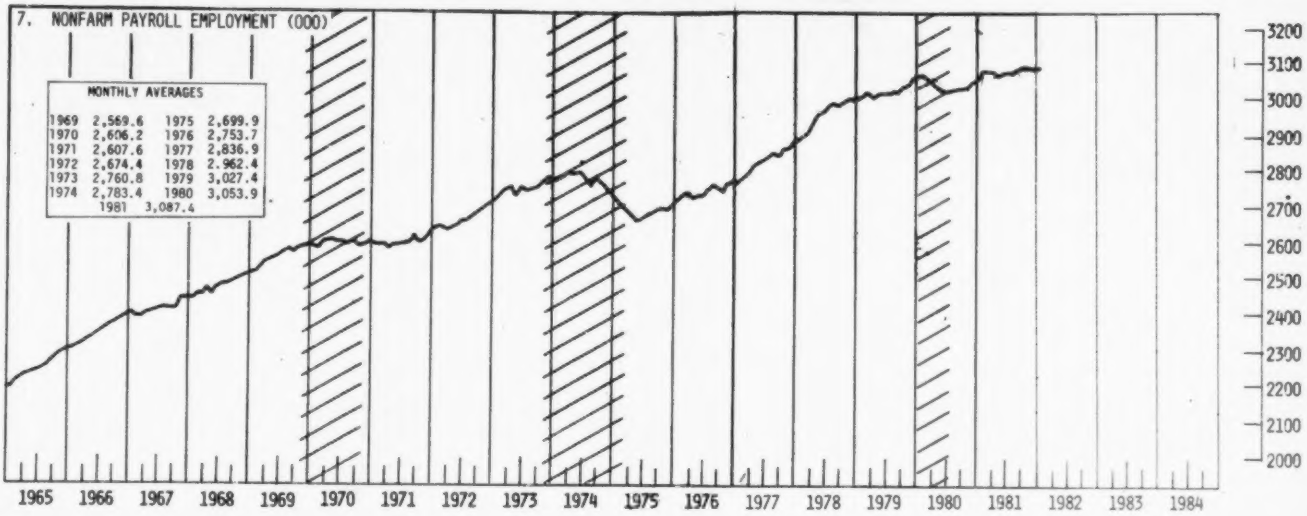
8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	2426.6	2488.2	2476.0	2537.6	2494.1	2556.6	2513.0p	2576.5p
Feb	2421.6	2497.4	2476.1	2553.8	2491.6	2570.3		
Mar	2457.5	2508.1	2498.0	2548.6	2513.7	2566.0		
Apr	2473.7	2494.0	2513.0	2533.2	2547.8	2568.3		
May	2510.3	2505.0	2529.5	2524.1	2557.2	2551.8		
Jun	2562.9	2507.8	2573.3	2518.4	2617.7	2561.7		
Jul	2550.9	2513.6	2551.3	2513.9	2614.5	2574.9		
Aug	2557.8	2513.2	2556.8	2512.2	2616.2	2569.8		
Sep	2552.1	2517.6	2551.2	2518.3	2605.3	2571.7		
Oct	2539.1	2520.8	2541.6	2525.6	2591.8	2575.8		
Nov	2535.6	2525.4	2538.3	2530.3	2582.5	2574.9		
Dec	2539.4	2535.7	2548.0	2546.8	2570.8r	2570.0r		

9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	514.0	517.1	515.3	518.9	522.0	525.6	515.0p	518.5p
Feb	518.4	519.0	519.3	520.1	523.5	524.1		
Mar	519.0	517.3	524.1	522.3	525.3	523.5		
Apr	518.7	516.2	528.4	526.0	523.0	520.6		
May	519.1	517.4	529.9	528.0	521.2	519.3		
Jun	521.6	516.3	529.8	524.1	523.0	517.7		
Jul	526.9	516.6	534.5	523.9	523.5	513.4		
Aug	521.9	517.7	527.4	522.9	516.4	512.1		
Sep	495.2	514.7	506.1	526.4	500.2	519.9		
Oct	511.5	515.5	523.8	527.9	516.1	520.1		
Nov	517.5	516.3	528.5	527.6	523.2	522.3		
Dec	517.2	516.4	526.8	526.5	523.4r	523.1r		

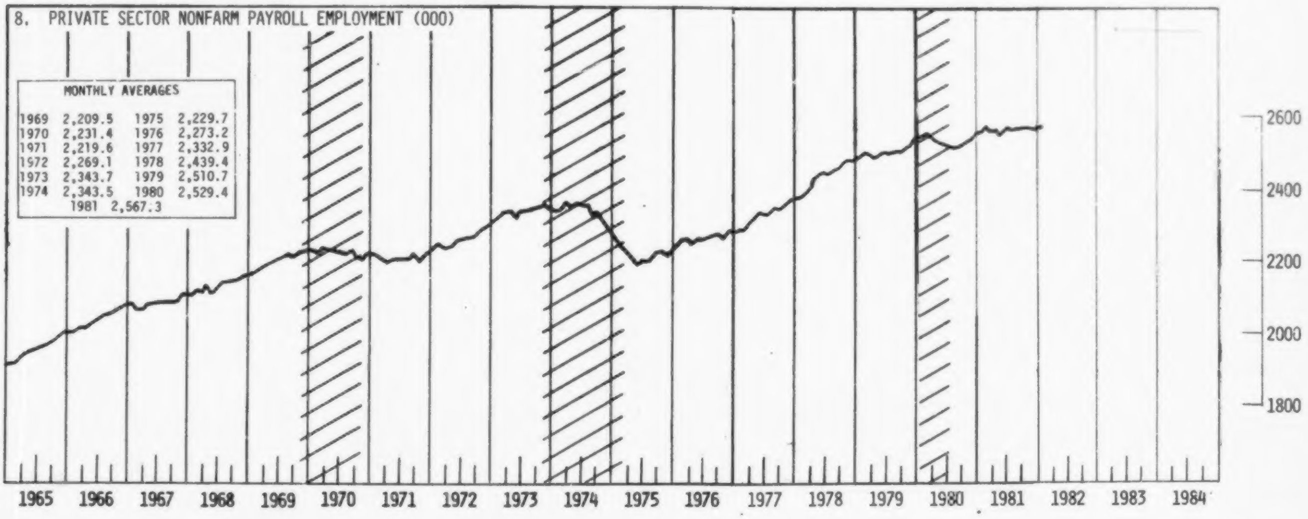
CHART III ESTABLISHMENT EMPLOYMENT INDICATORS — I



7. NONFARM PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

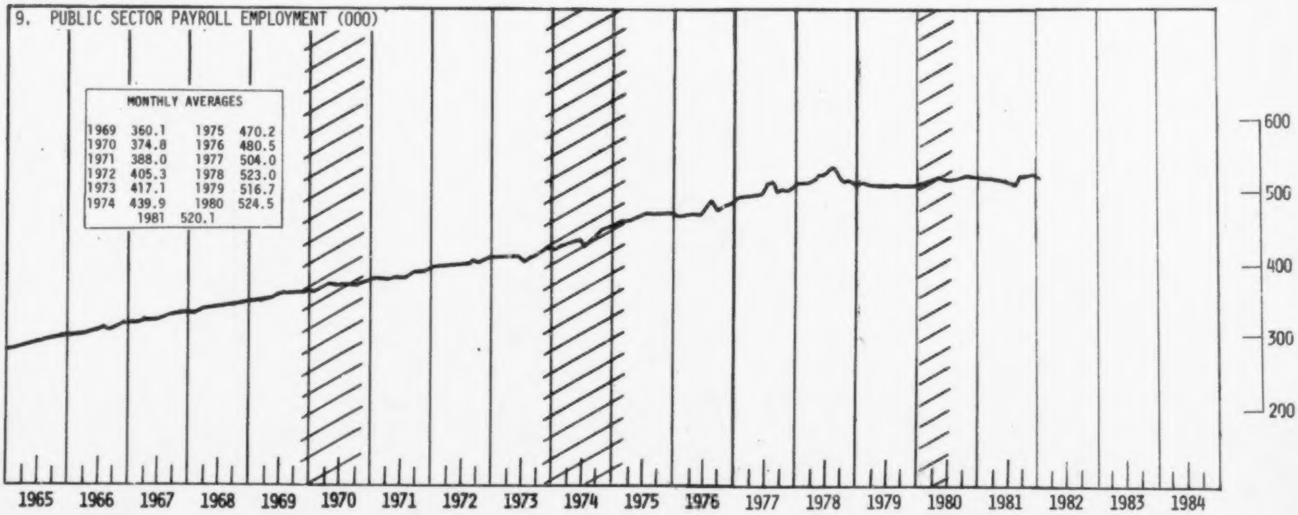
1969	2,569.6	1975	2,699.9
1970	2,606.2	1976	2,753.7
1971	2,607.6	1977	2,836.9
1972	2,674.4	1978	2.962.4
1973	2,760.8	1979	3,027.4
1974	2,783.4	1980	3,053.9
1981	3,087.4		



8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

1969	2,209.5	1975	2,229.7
1970	2,231.4	1976	2,273.2
1971	2,219.6	1977	2,332.9
1972	2,269.1	1978	2,439.4
1973	2,343.7	1979	2,510.7
1974	2,343.5	1980	2,529.4
1981	2,567.3		



9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

1969	360.1	1975	470.2
1970	374.8	1976	480.5
1971	388.0	1977	504.0
1972	405.3	1978	523.0
1973	417.1	1979	516.7
1974	439.9	1980	524.5
1981	520.1		

TABLE IV ESTABLISHMENT EMPLOYMENT INDICATORS - II

10. MANUFACTURING PAYROLL EMPLOYMENT (000)

Date	1979		1980		1931		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	784.4	796.6	782.8	794.3	770.2	782.0	747.9p	759.4p
Feb	787.6	798.6	792.3	803.1	771.1	781.7		
Mar	797.5	800.2	797.9	800.5	773.6	776.4		
Apr	795.2	798.3	790.5	793.2	774.8	777.7		
May	801.5	800.3	784.5	783.4	776.7	775.8		
Jun	814.2	801.9	790.8	778.9	787.9	776.3		
Jul	794.1	800.6	770.9	777.6	773.2	779.7		
Aug	799.7	797.4	772.6	770.7	778.5	776.6		
Sep	810.9	800.3	782.2	772.7	784.5	774.9		
Oct	808.0	798.8	782.3	774.3	779.9	771.8		
Nov	800.4	795.9	779.0	774.9	771.5	767.4		
Dec	796.1	800.5	775.2	780.0	759.4r	764.3r		

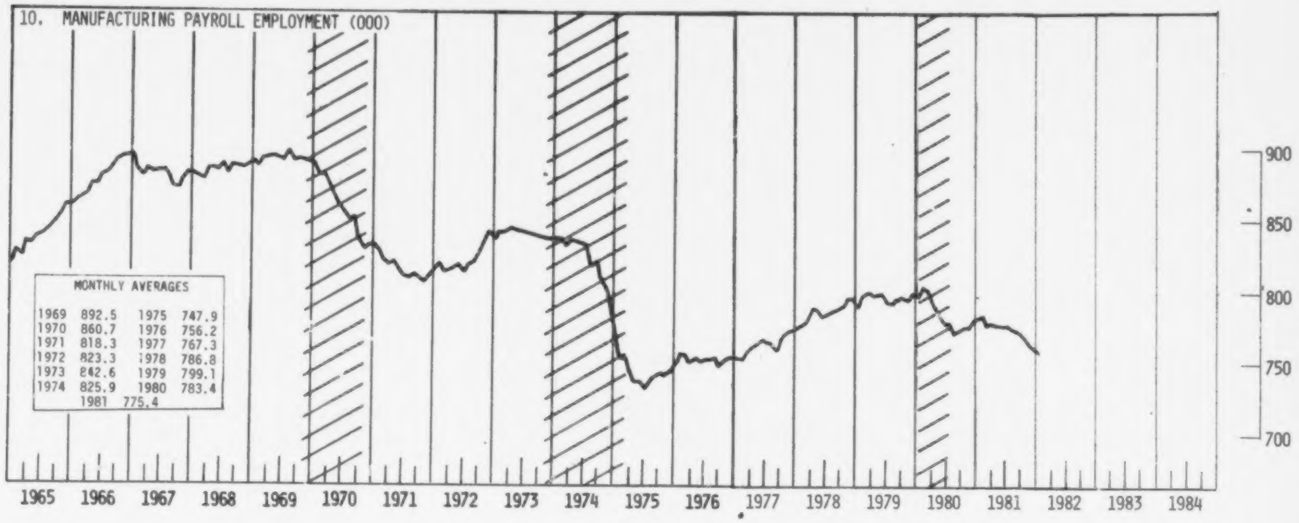
11. CONSTRUCTION PAYROLL EMPLOYMENT (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	96.4	110.4	103.4	117.8	101.3	115.4	102.7p	117.0p
Feb	91.9	110.9	98.3	118.8	99.0	119.6		
Mar	99.9	113.5	100.2	113.8	105.4	119.7		
Apr	110.2	112.1	106.2	108.0	114.3	116.3		
May	116.0	114.6	110.0	108.7	102.7	101.4		
Jun	120.5	112.8	115.9	108.5	112.9	105.7		
Jul	123.7	114.4	117.4	108.7	119.7	110.8		
Aug	124.1	114.3	117.8	108.5	118.7	109.3		
Sep	122.1	113.7	117.3	109.3	117.3	109.3		
Oct	122.2	114.4	117.3	109.8	118.0	110.5		
Nov	121.1	115.9	114.2	109.4	116.9	112.0		
Dec	116.6	116.9	110.4	110.8	111.8r	112.2r		

12. SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

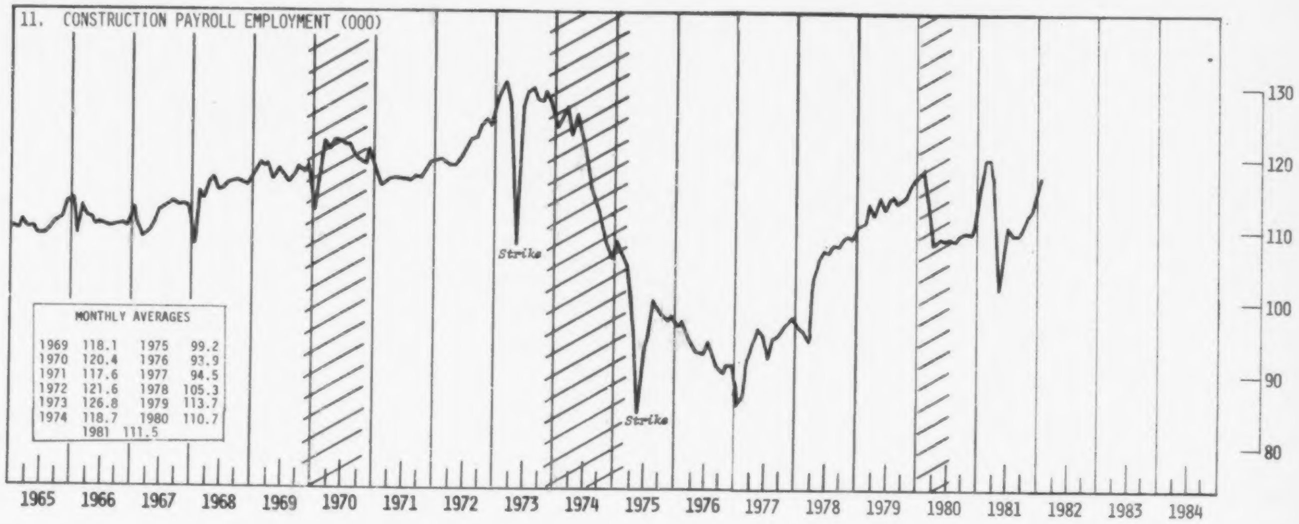
Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1543.1	1578.4	1587.5	1623.1	1620.4	1656.9	1660.3p	1697.9p
Feb	1539.5	1585.1	1583.3	1629.5	1619.3	1666.6		
Mar	1557.4	1591.6	1597.5	1631.8	1632.4	1667.5		
Apr	1565.6	1580.9	1614.2	1629.5	1656.4	1672.0		
May	1589.9	1587.4	1632.5	1629.6	1675.5	1672.4		
Jun	1625.5	1590.4	1663.9	1628.5	1714.7	1677.6		
Jul	1630.4	1596.0	1660.4	1625.2	1719.2	1682.1		
Aug	1631.2	1598.9	1663.7	1630.5	1716.7	1681.7		
Sep	1616.5	1601.1	1649.2	1633.9	1701.1	1685.2		
Oct	1606.4	1605.1	1639.6	1639.1	1691.6	1691.2		
Nov	1611.6	1611.1	1642.7	1643.6	1691.8	1693.2		
Dec	1624.4	1615.9	1660.0	1653.6	1697.3r	1691.2r		

CHART IV ESTABLISHMENT EMPLOYMENT INDICATORS — II


10. MANUFACTURING PAYROLL EMPLOYMENT (000)

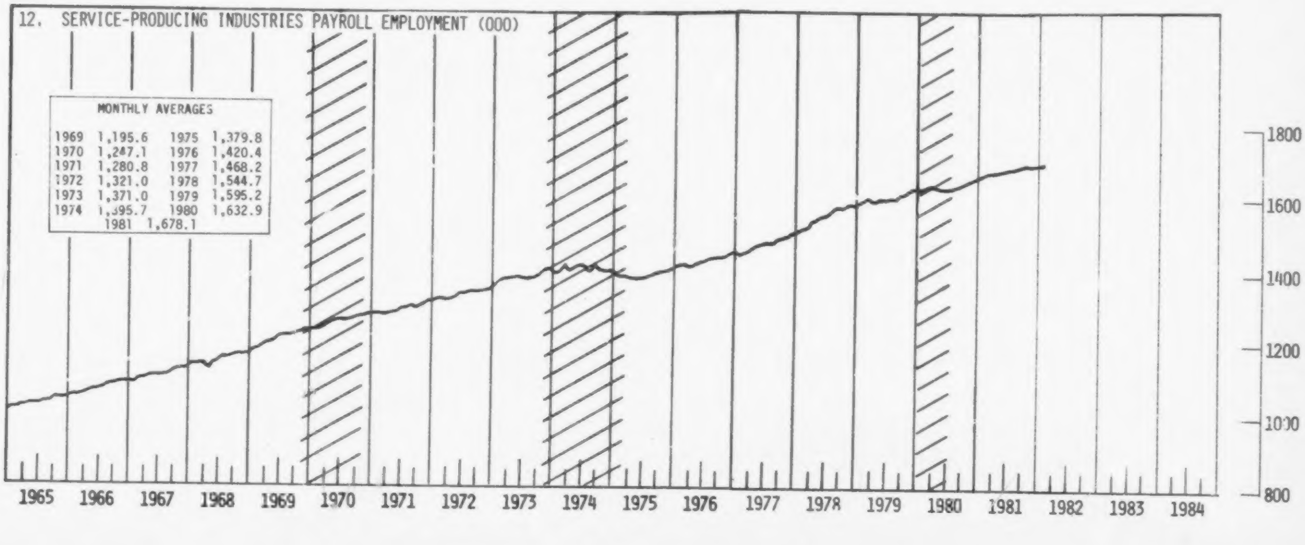
MONTHLY AVERAGES

1969	892.5	1975	747.9
1970	860.7	1976	756.2
1971	818.3	1977	767.3
1972	823.3	1978	786.8
1973	842.6	1979	799.1
1974	825.9	1980	783.4
1981	775.4		


11. CONSTRUCTION PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

1969	118.1	1975	99.2
1970	120.4	1976	93.9
1971	117.6	1977	94.5
1972	121.6	1978	105.3
1973	126.8	1979	113.7
1974	118.7	1980	110.7
1981	111.5		


12. SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

MONTHLY AVERAGES

1969	1,195.6	1975	1,379.8
1970	1,247.1	1976	1,420.4
1971	1,280.8	1977	1,468.2
1972	1,321.0	1978	1,544.7
1973	1,371.0	1979	1,595.2
1974	1,395.7	1980	1,632.9
1981	1,678.1		

TABLE V PRODUCTION WORKER INDICATORS

13. MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	522.7	531.7	515.9	524.3	496.0	504.0	476.5p	484.2p
Feb	524.0	529.2	522.2	527.0	497.3	501.8		
Mar	528.9	530.5	525.0	526.3	499.5	500.9		
Apr	529.2	530.5	520.6	521.0	500.8	501.1		
May	533.0	532.0	511.9	511.0	502.7	502.1		
Jun	542.2	534.4	515.2	507.8	512.1	504.7		
Jul	524.2	533.6	494.3	503.6	498.9	508.3		
Aug	529.7	531.2	496.0	497.8	502.9	504.7		
Sep	541.1	533.0	508.1	500.8	511.5	504.1		
Oct	537.8	530.3	508.0	501.0	506.7	499.8		
Nov	529.3	524.6	504.3	500.0	498.2r	493.9r		
Dec	526.1	528.3	501.0	503.0	487.0	489.0		

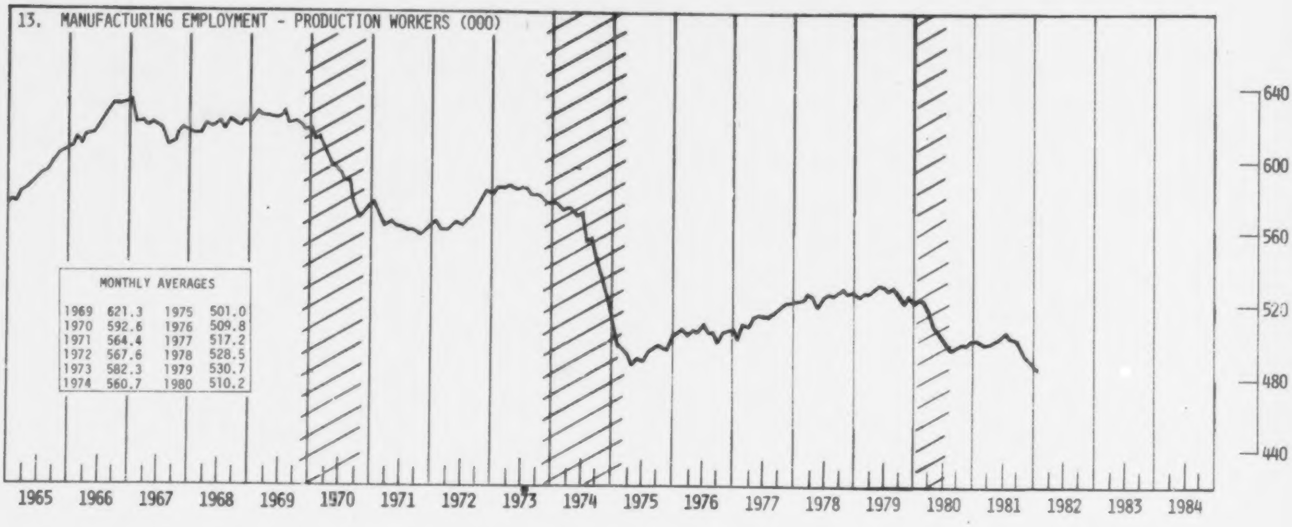
14. MANUFACTURING WORKWEEK - PRODUCTION WORKERS (hours)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	41.3	41.5	41.0	41.1	40.8	40.9	39.9p	40.0p
Feb	41.3	41.4	40.8	40.9	40.8	40.9		
Mar	41.7	41.6	40.8	40.7	41.0	40.9		
Apr	40.3	40.6	40.4	40.7	40.5	40.8		
May	41.2	41.3	40.3	40.4	40.7	40.8		
Jun	41.3	41.2	40.3	40.2	40.8	40.8		
Jul	40.8	41.2	39.9	40.3	40.2	40.6		
Aug	40.7	40.9	40.3	40.5	40.6	40.8		
Sep	41.0	41.0	40.6	40.6	40.6	40.6		
Oct	41.0	41.0	40.7	40.7	40.8	40.8		
Nov	41.5	41.1	41.2	40.8	40.9r	40.5r		
Dec	41.7	41.1	41.4	40.8	41.2	40.6		

15. AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	21,588	22,066	21,152	21,549	20,237	20,614	19,012p	19,368p
Feb	21,641	21,909	21,306	21,554	20,290	20,524		
Mar	22,055	22,069	21,420	21,420	20,480	20,487		
Apr	21,327	21,538	21,032	21,205	20,282	20,445		
May	21,960	21,972	20,630	20,644	20,460	20,490		
Jun	22,393	22,017	20,763	20,414	20,894	20,541		
Jul	21,387	21,984	19,723	20,295	20.056	20,637		
Aug	21,559	21,726	19,989	20,161	20,418	20,592		
Sep	22,185	21,853	20,629	20,332	20,767	20,466		
Oct	22,050	21,742	20,676	20,391	20,673	20,592		
Nov	21,966	21,561	20,777	20,400	20,376r	20,003r		
Dec	21,938	21,713	20,741	20,522	20,064	19,853		

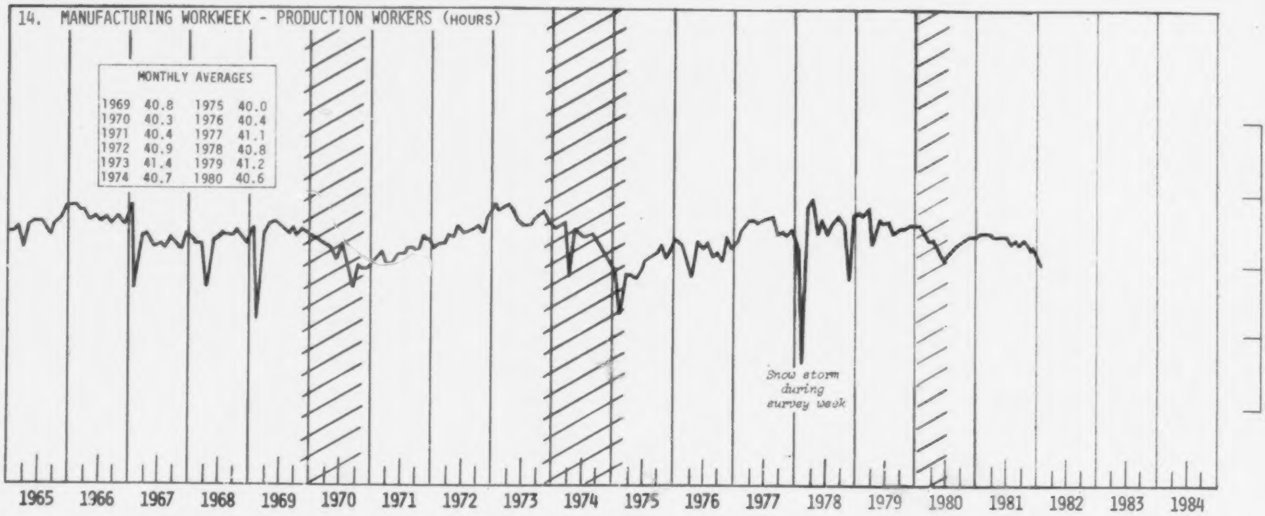
.CHART V PRODUCTION WORKER INDICATORS



13. MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS (000)

MONTHLY AVERAGES

1969	621.3	1975	501.0
1970	592.6	1976	509.8
1971	564.4	1977	517.2
1972	567.6	1978	528.5
1973	582.3	1979	530.7
1974	560.7	1980	510.2

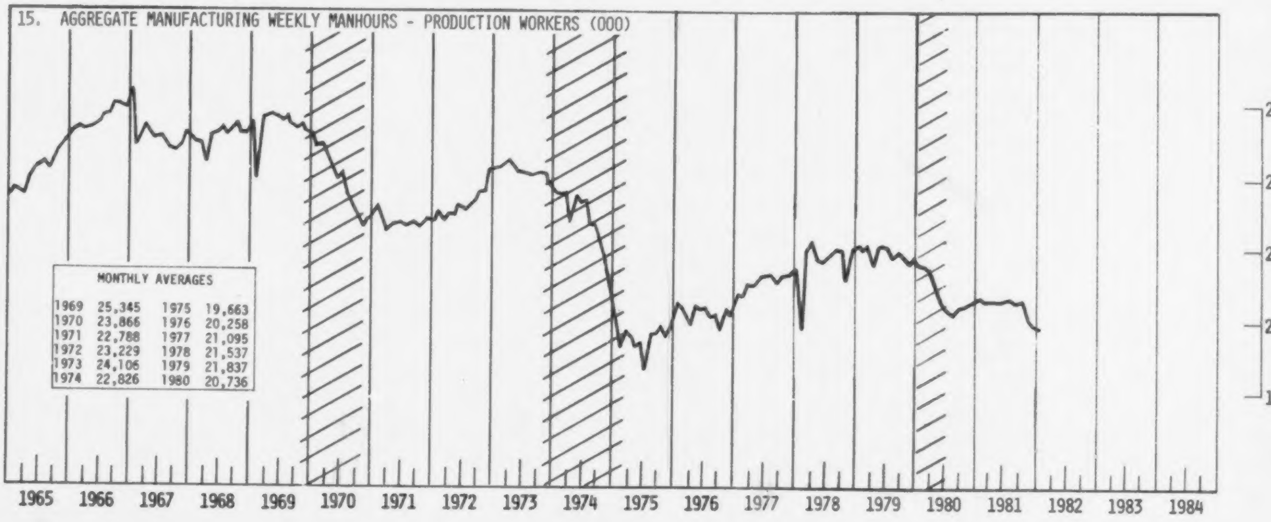


14. MANUFACTURING WORKWEEK - PRODUCTION WORKERS (HOURS)

MONTHLY AVERAGES

1969	40.8	1975	40.0
1970	40.3	1976	40.4
1971	40.4	1977	41.1
1972	40.9	1978	40.8
1973	41.4	1979	41.2
1974	40.7	1980	40.6

Snow storm during survey week



15. AGGREGATE MANUFACTURING WEEKLY MANHOURS - PRODUCTION WORKERS (000)

MONTHLY AVERAGES

1969	25,345	1975	19,663
1970	23,866	1976	20,258
1971	22,788	1977	21,095
1972	23,229	1978	21,537
1973	24,106	1979	21,837
1974	22,826	1980	20,736

TABLE VI EARNINGS AND PRICE INDICATORS

16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($)

Date	1979 Unadjusted	1980 Unadjusted	1981 Unadjusted	1982 Unadusted
Jan	269.28	286.59	314.98	329.57p
Feb	270.93	287.64	314.57	
Mar	273.97	290.90	317.34	
Apr	263.97	291.28	316.71	
May	273.16	288.15	319.90	
Jun	275.88	292.58	321.90	
Jul	272.95	290.47	318.79	
Aug	271.88	293.79	320.74	
Sep	279.21	300.85	326.42	
Oct	279.21	303.62	328.44	
Nov	288.01	311.88	328.84	
Dec	293.99	312.98	336.19	

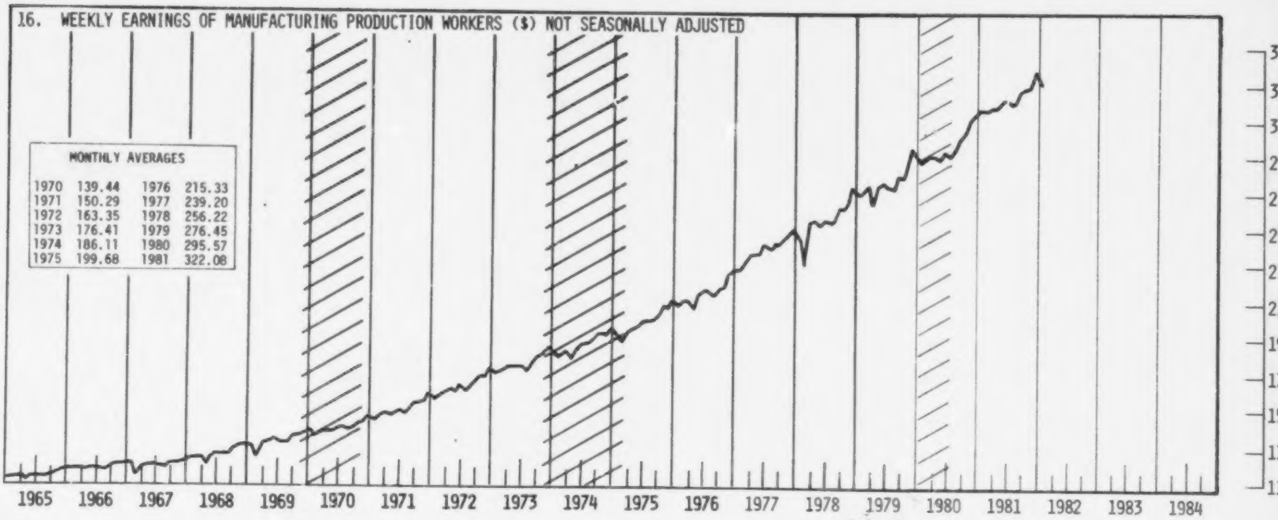
17. CPI FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)

Date	1979			1980			1981			1982		
	U.S.	N.Y.	Phila.	U.S.	N.Y.	Phila.	U.S.	N.Y.	Phila.	U.S.	N.Y.	Phila.
Jan	204.7	202.3	203.9	233.3	225.5	228.0	260.7	249.1	255.5	282.1	267.5	275.1
Feb	207.1	204.7	205.8	236.5	227.7	231.6	263.5	252.7	258.1			
Mar	209.3	206.3	206.8	239.9	230.8	235.1	265.2	253.7	259.5			
Apr	211.8	208.1	209.1	242.6	232.4	237.9	266.8	254.8	261.5			
May	214.3	210.3	211.4	245.1	234.1	239.9	269.1	255.9	262.9			
Jun	216.9	212.2	214.5	247.8	236.7	243.8	271.4	257.9	265.6			
Jul	219.4	214.1	216.9	248.0	238.4	245.3	274.6	262.3	268.5			
Aug	221.5	215.3	218.1	249.6	240.7	247.3	276.5	264.0	271.6			
Sep	223.7	217.8	220.3	251.9	241.5	248.3	279.1	267.8	274.5			
Oct	225.6	219.3	221.3	254.1	242.6	249.5	279.7	267.0	275.2			
Nov	227.6	220.7	223.8	256.4	244.2	251.1	280.4	266.9	274.5			
Dec	230.0	222.4	224.6	258.7	247.2	252.3	281.1	266.9	274.1			

18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS IN 1967 DOLLARS (UNADJUSTED)

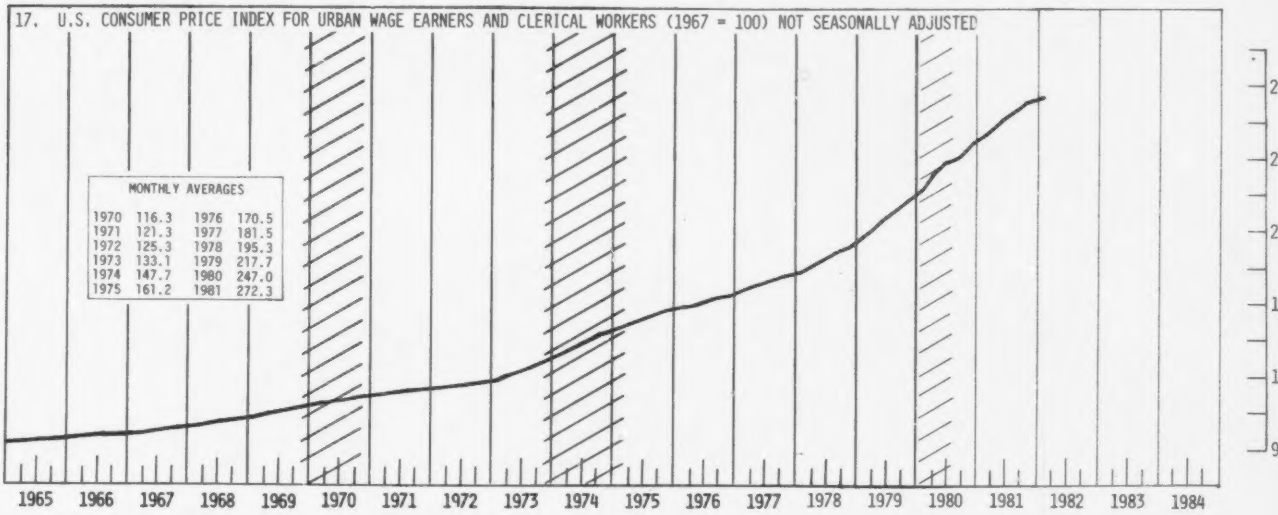
Date	1979		1980		1981		1982	
	Single	3 Dep.	Single	3 Dep.	Single	3 Dep.	Single	3 Dep.
Jan	101.61	111.87	96.00	105.80	92.90	102.62	90.63p	99.69p
Feb	101.06	111.27	95.09	104.80	91.68	101.26		
Mar	101.39	111.66	94.66	104.35	91.91	101.54		
Apr	97.23	107.04	93.88	103.49	91.19	100.74		
May	99.07	109.10	92.30	101.73	91.52	101.14		
Jun	98.75	108.76	92.25	101.69	91.15	101.75		
Jul	96.89	106.70	91.06	100.38	89.19	98.56		
Aug	96.03	105.74	91.18	100.52	88.85	98.19		
Sep	97.18	107.06	92.74	102.27	89.02	98.43		
Oct	96.65	106.47	93.03	102.61	90.54	99.58		
Nov	98.41	108.46	94.56	104.34	90.77	99.83		
Dec	99.62	109.83	94.04	103.78	92.55	101.84		

CHART VI EARNINGS AND PRICE INDICATORS


16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($) NOT SEASONALLY ADJUSTED

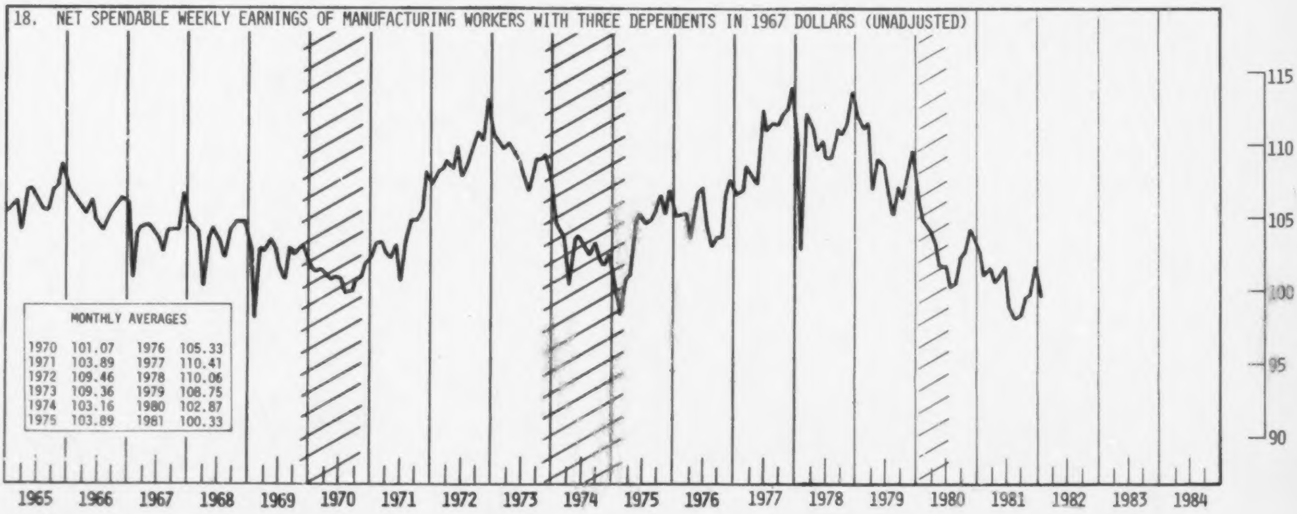
MONTHLY AVERAGES

1970	139.44	1976	215.33
1971	150.29	1977	239.20
1972	163.35	1978	256.22
1973	176.41	1979	276.45
1974	186.11	1980	295.57
1975	199.68	1981	322.08


17. U.S. CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (1967 = 100) NOT SEASONALLY ADJUSTED

MONTHLY AVERAGES

1970	116.3	1976	170.5
1971	121.3	1977	181.5
1972	125.3	1978	195.3
1973	133.1	1979	217.7
1974	147.7	1980	247.0
1975	161.2	1981	272.3


18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS WITH THREE DEPENDENTS IN 1967 DOLLARS (UNADJUSTED)

MONTHLY AVERAGES

1970	101.07	1976	105.33
1971	103.89	1977	110.41
1972	109.46	1978	110.06
1973	109.36	1979	108.75
1974	103.16	1980	102.87
1975	103.89	1981	100.33

TABLE VII LABOR TURNOVER INDICATORS

19. MANUFACTURING ACCESSION RATES (%)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	3.8	3.6	3.7	3.5	4.1	3.9	3.6	3.4
Feb	3.1	3.4	3.1	3.4	3.6	4.0	3.0	3.3
Mar	3.5	3.7	3.5	3.6	3.4	3.5	3.4	3.6
Apr	3.6	4.0	3.3	3.7	2.9	3.3	3.3	3.7
May	4.4	4.0	4.0	3.7	3.3	3.1	3.3	3.1
Jun	4.6	3.9	4.4	3.7	3.8	3.2	4.0	3.4
Jul	4.1	3.6	4.7	4.1	3.3	2.9	3.4	2.9
Aug	5.5	3.9	5.6	4.0	5.6	3.9	4.3	3.0
Sep	4.2	3.8	4.2	3.8	4.1	3.7	3.9	3.5
Oct	3.6	3.8	3.9	4.1	3.2	3.4	2.8	2.9
Nov	2.7	3.7	2.7	3.7	2.6	3.6	2.5	3.5
Dec	2.2	3.7	2.3	3.9	2.1	3.5	1.8	3.0

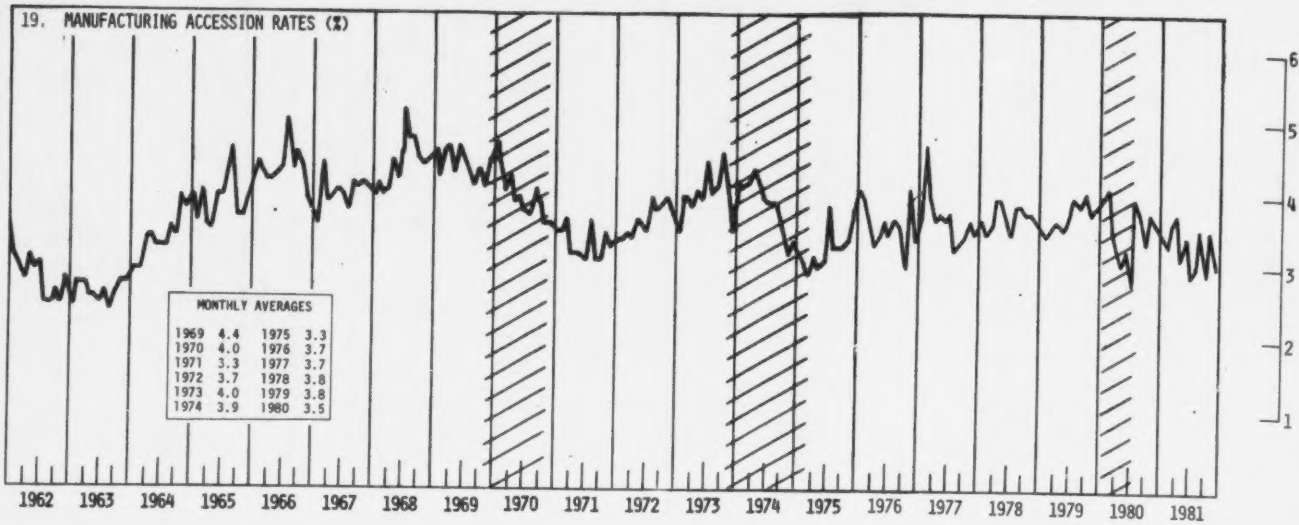
20. MANUFACTURING SEPARATIONS RATE (%)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	3.5	3.4	3.6	3.6	4.1	4.1	3.9	3.9
Feb	2.7	3.4	3.0	3.8	3.3	4.2	3.3	4.2
Mar	3.4	3.9	3.3	3.8	3.4	3.9	3.2	3.7
Apr	3.3	3.6	3.3	3.6	4.2	4.6	3.0	3.3
May	3.8	4.4	3.4	3.9	4.4	5.0	3.3	3.8
Jun	3.4	3.9	4.3	4.8	3.8	4.2	3.3	3.7
Jul	4.8	3.4	6.0	4.2	5.5	3.9	4.8	3.4
Aug	5.1	4.0	5.4	4.1	5.0	3.8	4.7	3.6
Sep	4.4	3.9	4.4	3.9	4.0	3.6	3.7	3.3
Oct	3.7	3.9	3.8	4.0	3.4	3.6	4.0	4.2
Nov	3.5	4.0	3.6	4.1	3.0	3.4	3.5	4.0
Dec	3.6	3.5	3.5	3.5	3.2	3.3	4.5	4.6

21. MANUFACTURING QUIT RATE (%)

Date	1978		1979		1980		1981	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1.1	1.3	1.4	1.6	1.5	1.7	1.2	1.4
Feb	1.1	1.4	1.2	1.6	1.3	1.7	1.0	1.3
Mar	1.3	1.4	1.5	1.6	1.4	1.5	1.1	1.2
Apr	1.3	1.5	1.4	1.6	1.3	1.5	1.1	1.2
May	1.5	1.6	1.5	1.6	1.3	1.4	1.2	1.3
Jun	1.6	1.6	1.6	1.6	1.1	1.1	1.3	1.3
Jul	1.5	1.6	1.5	1.6	1.2	1.3	1.3	1.4
Aug	2.8	1.6	2.8	1.6	2.1	1.2	2.0	1.2
Sep	2.4	1.6	2.3	1.6	1.7	1.2	1.6	1.1
Oct	1.7	1.6	1.7	1.6	1.3	1.2	1.2	1.1
Nov	1.2	1.6	1.2	1.6	1.0	1.3	0.8	1.1
Dec	1.0	1.6	1.0	1.6	0.8	1.3	0.7	1.1

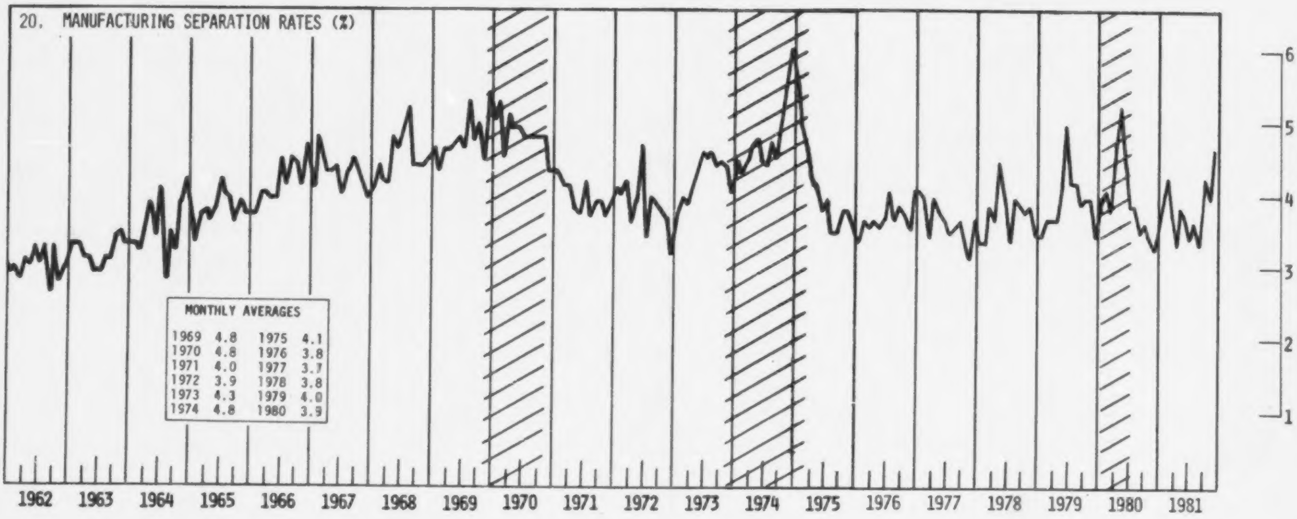
CHART VII LABOR TURNOVER INDICATORS



19. MANUFACTURING ACCESSION RATES (%)

MONTHLY AVERAGES

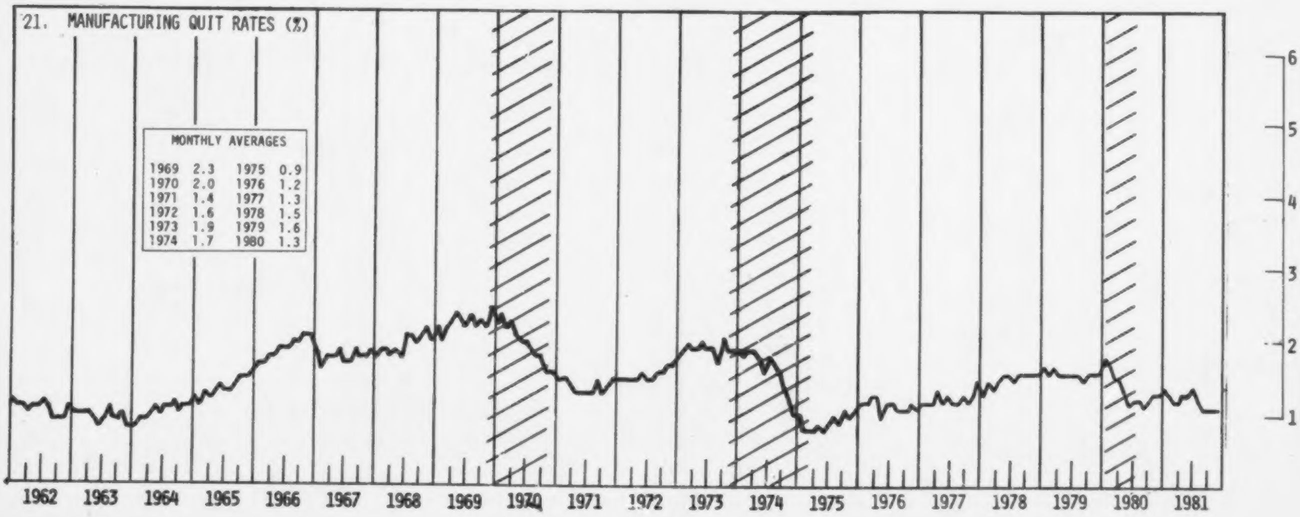
1969	4.4	1975	3.3
1970	4.0	1976	3.7
1971	3.3	1977	3.7
1972	3.7	1978	3.8
1973	4.0	1979	3.8
1974	3.9	1980	3.5



20. MANUFACTURING SEPARATION RATES (%)

MONTHLY AVERAGES

1969	4.8	1975	4.1
1970	4.8	1976	3.8
1971	4.0	1977	3.7
1972	3.9	1978	3.8
1973	4.3	1979	4.0
1974	4.8	1980	3.9



21. MANUFACTURING QUIT RATES (%)

MONTHLY AVERAGES

1969	2.3	1975	0.9
1970	2.0	1976	1.2
1971	1.4	1977	1.3
1972	1.6	1978	1.5
1973	1.9	1979	1.6
1974	1.7	1980	1.3

TABLE VIII GENERAL BUSINESS INDICATORS

22. NEW BUSINESS INCORPORATIONS (number)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1,341	1,247	2,007	1,855	1,942	1,963		
Feb	1,575	1,744	1,605	1,693	1,870	2,050		
Mar	2,003	1,731	2,209	2,008	2,236	1,946		
Apr	1,850	1,758	1,405	1,256	2,405	2,132		
May	2,006	1,815	2,355	2,194	2,410	2,311	Data have been revised; please see page 1.	
Jun	1,520	1,510	1,620	1,635	2,026	1,993		
Jul	2,165	2,187	1,723	1,671	1,903	1,872		
Aug	1,634	1,644	1,674	1,848	1,838	2,035		
Sep	1,922	2,223	1,710	1,819	1,904	1,987		
Oct	1,884	1,812	1,910	1,817	2,000	1,988		
Nov	1,609	1,724	1,561	1,821	1,749	1,983		
Dec	1,663	1,897	1,705	1,788	1,830	1,892		

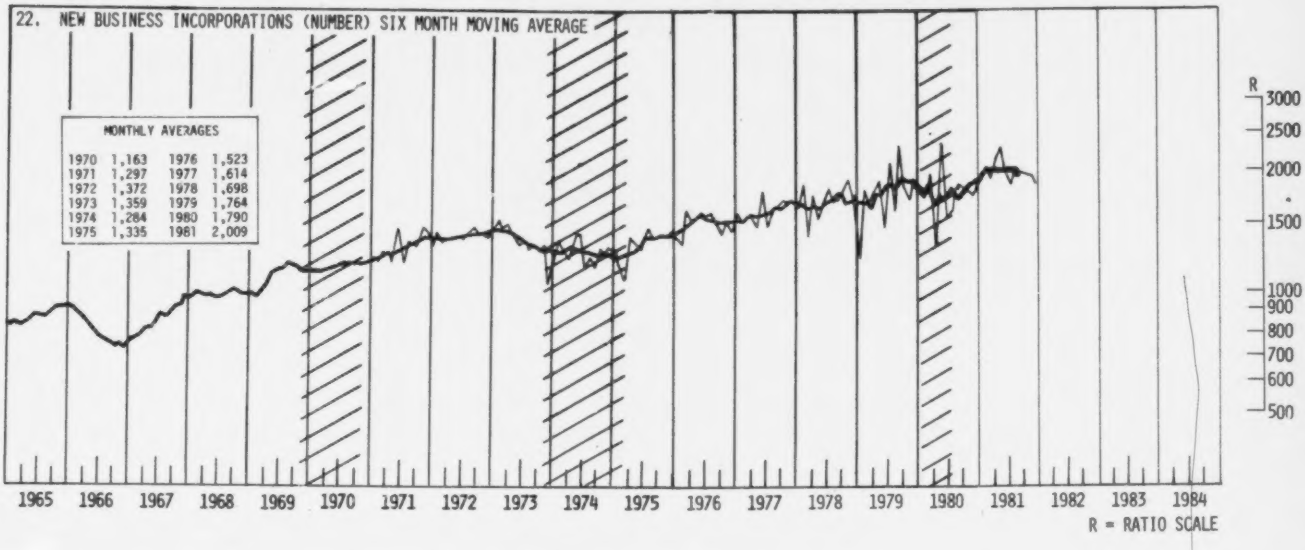
23. BUSINESS FAILURES (number)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	21	22	43	43	33	35		
Feb	22	31	29	40	42	59		
Mar	42	36	37	34	31	27		
Apr	29	28	42	40	58	56	Data have been revised; please see page 1.	
May	41	33	42	34	21	17		
Jun	40	39	30	30	51	49		
Jul	32	38	40	43				
Aug	69	56	46	40				
Sep	31	38	30	37				
Oct	31	28	49	42				
Nov	32	34	11	12				
Dec	31	34	31	32				

24. NET GAIN IN BUSINESS TELEPHONES (number)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	5,496	6,423	5,847	6,521	5,437	5,901	4,160	4,624
Feb	5,031	6,135	3,987	5,180	4,804	6,023		
Mar	6,878	4,829	7,642	5,727	2,808	1,031		
Apr	4,900	2,233	9,266	6,619	8,271	5,609		
May	9,105	6,201	7,661	4,863	8,953	6,234		
Jun	6,638	5,428	5,807	4,699	7,874	6,881	Data have been revised; please see page 1.	
Jul	4,853	5,048	5,976	6,351	5,433	5,880		
Aug	2,890	4,666	3,967	5,820	5,337	7,251		
Sep	4,793	5,427	5,162	6,029	3,880	4,820		
Oct	5,979	8,389	4,557	6,468	6,787	8,404		
Nov	6,242	7,013	4,165	4,922	2,066	2,798		
Dec	5,152	6,008	5,003	5,768	14,690	15,426		

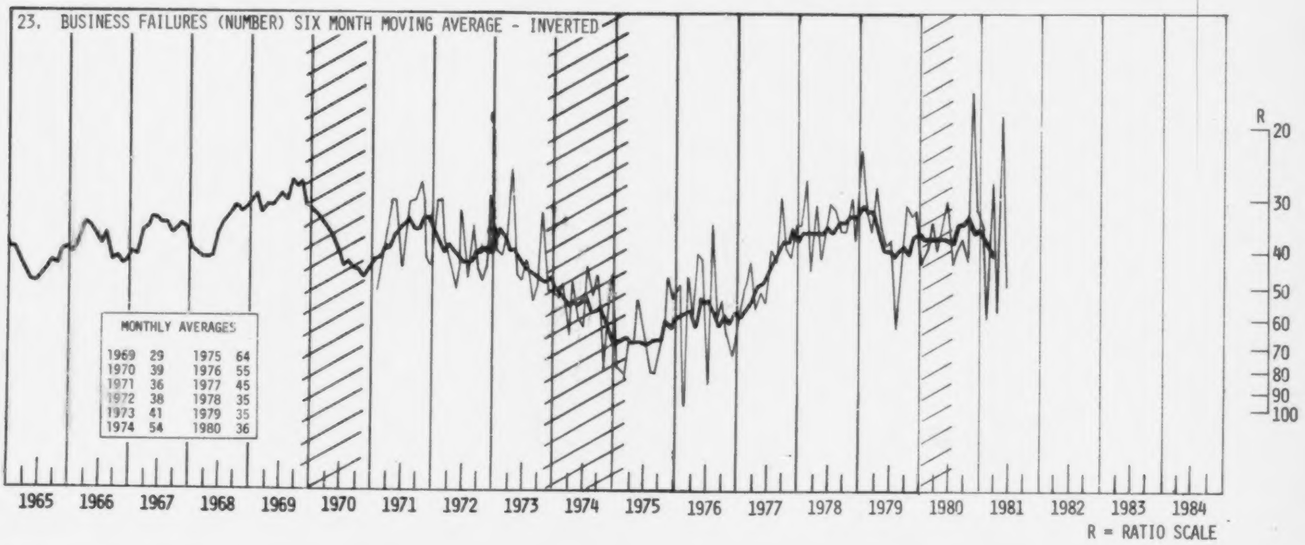
CHART VIII GENERAL BUSINESS INDICATORS



22. NEW BUSINESS INCORPORATIONS (NUMBER) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

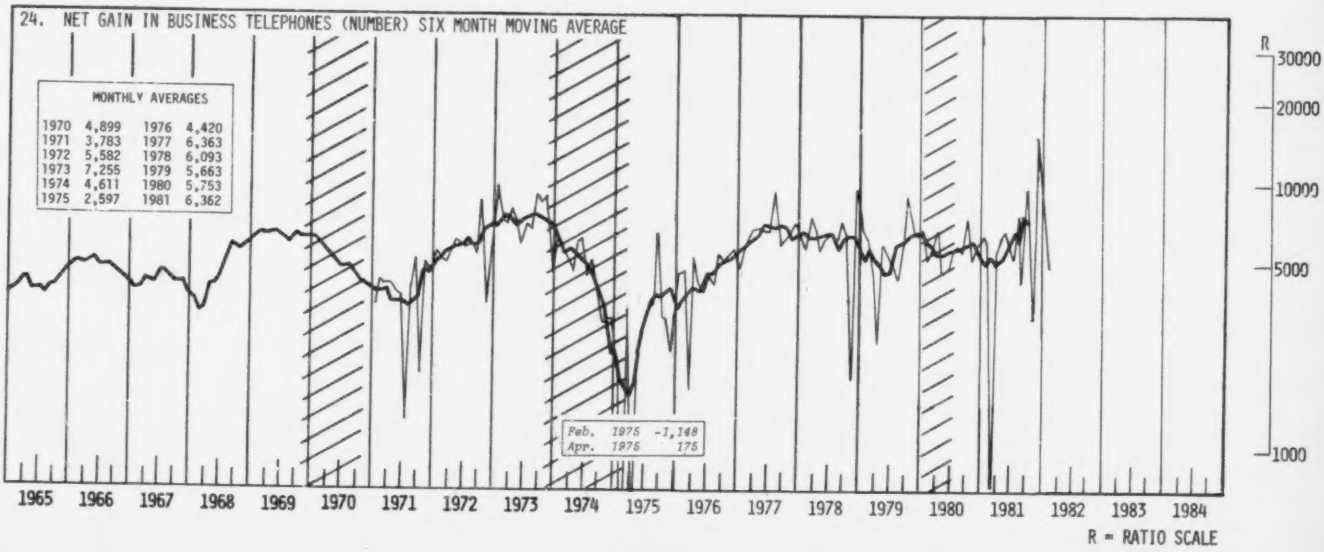
1970	1,163	1976	1,523
1971	1,297	1977	1,614
1972	1,372	1978	1,698
1973	1,359	1979	1,764
1974	1,284	1980	1,790
1975	1,335	1981	2,009



23. BUSINESS FAILURES (NUMBER) SIX MONTH MOVING AVERAGE - INVERTED

MONTHLY AVERAGES

1969	29	1975	64
1970	39	1976	55
1971	36	1977	45
1972	38	1978	35
1973	41	1979	35
1974	54	1980	36



24. NET GAIN IN BUSINESS TELEPHONES (NUMBER) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

1970	4,899	1976	4,420
1971	3,783	1977	6,363
1972	5,582	1978	6,093
1973	7,255	1979	5,663
1974	4,611	1980	5,753
1975	2,597	1981	6,362

Feb. 1975 -1,148
Apr. 1975 175

TABLE IX CONSTRUCTION CONTRACTS INDICATORS

25. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	258.8	310.2	263.5	311.4	227.6	264.7	162.2	188.7
Feb	174.1	279.8	183.4	294.4	206.9	327.2		
Mar	323.6	354.5	232.9	260.2	237.3	269.1		
Apr	350.8	319.7	245.5	224.0	338.1	312.8		
May	335.6	289.1	357.1	313.7	280.7	252.6		
Jun	405.6	347.0	381.7	326.8	329.5	279.1		
Jul	273.3	278.0	331.7	333.1	331.5	328.1		
Aug	361.4	294.2	425.4	343.5	404.3	321.5		
Sep	295.1	280.4	290.6	269.4	432.8	398.4		
Oct	304.6	270.4	389.7	343.6	316.8	278.2		
Nov	288.1	293.8	245.2	256.1	289.7	307.8		
Dec	231.6	278.1	216.1	262.5	289.2	357.3		

Data have been revised; please see page 1.

26. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	155.0	240.7	92.7	140.2	78.4	116.4	40.0	59.4
Feb	85.1	166.0	64.8	122.7	89.3	165.0		
Mar	127.7	148.7	70.1	86.4	86.2	109.4		
Apr	211.1	192.6	98.5	88.2	134.2	118.8		
May	158.8	145.1	116.4	106.5	118.5	109.1		
Jun	202.2	176.2	114.8	100.3	108.4	94.5		
Jul	108.7	95.1	96.4	86.5	144.8	131.5		
Aug	178.5	131.7	173.0	123.4	179.8	126.3		
Sep	125.6	121.1	122.4	118.3	122.1	117.9		
Oct	119.4	114.3	125.2	120.7	121.6	117.8		
Nov	131.3	119.2	117.7	107.3	76.5	69.7		
Dec	92.3	96.2	113.2	119.6	99.9	107.0		

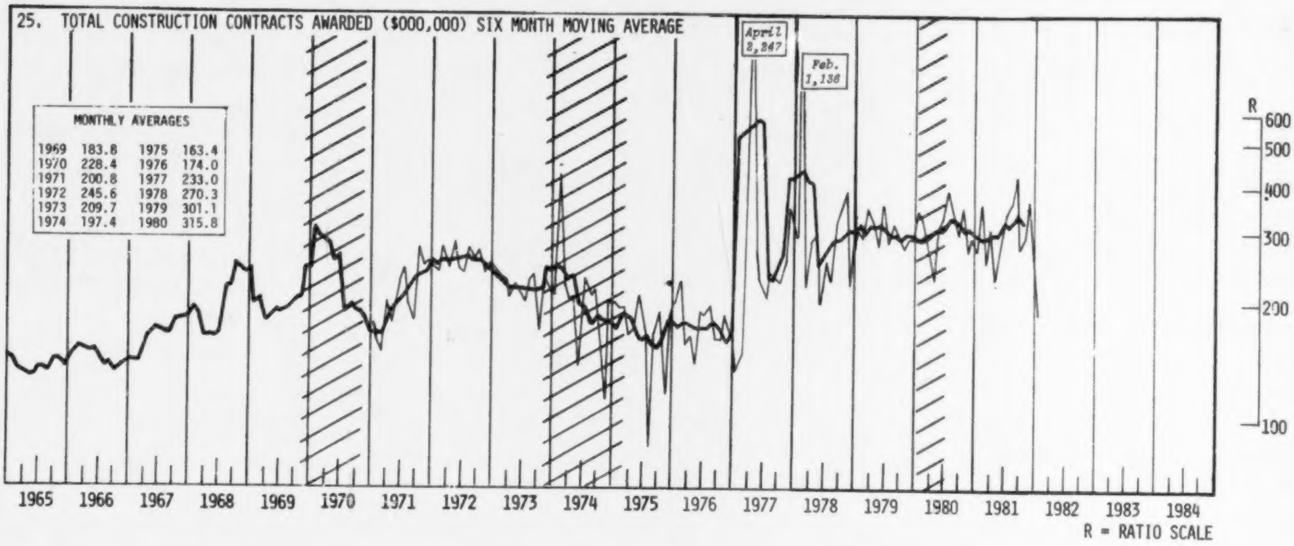
Data have been revised; please see page 1.

27. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	72.5	78.0	126.6	132.5	111.8	115.4	101.6	104.9
Feb	51.9	88.4	73.1	124.3	90.6	151.2		
Mar	165.7	169.8	106.7	113.3	113.1	123.6		
Apr	104.4	94.5	94.4	89.0	126.4	123.3		
May	132.8	110.9	157.9	133.1	127.0	108.6		
Jun	105.2	96.6	188.5	171.4	162.3	144.9		
Jul	120.1	118.9	169.0	163.0	141.5	132.9		
Aug	127.8	107.3	170.5	145.4	186.6	158.4		
Sep	129.8	115.0	127.3	110.9	186.2	162.1		
Oct	153.0	137.9	151.1	131.2	173.5	147.7		
Nov	91.8	99.0	106.3	115.6	167.4	185.9		
Dec	92.5	121.2	76.5	102.8	140.8	193.9		

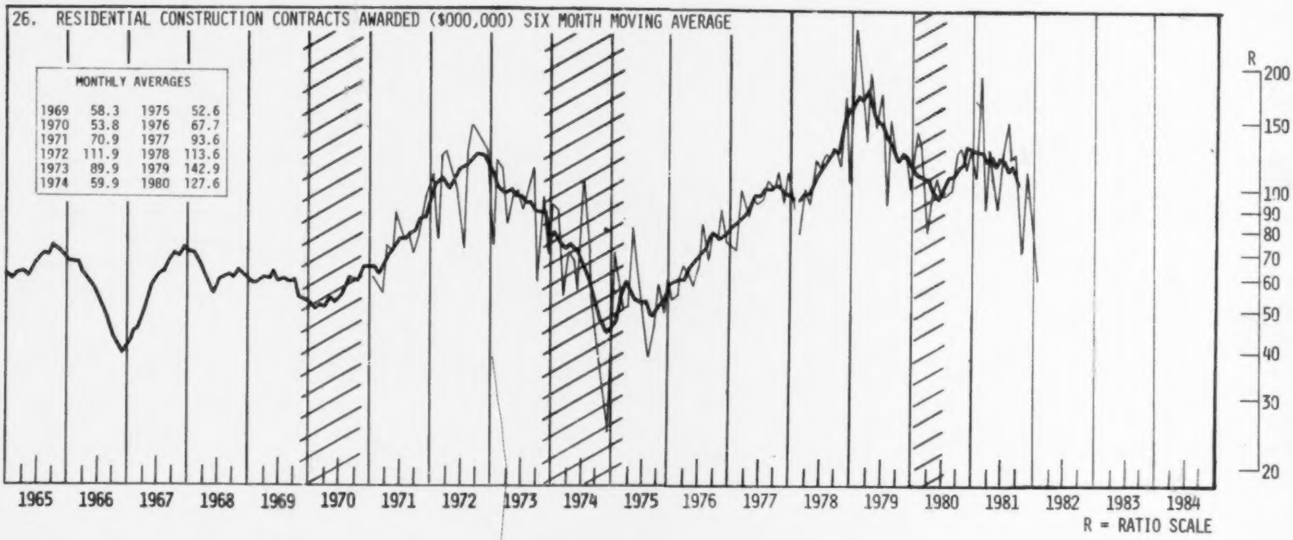
Data have been revised; please see page 1.

CHART IX CONSTRUCTION CONTRACTS INDICATORS


25. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX MONTH MOVING AVERAGE

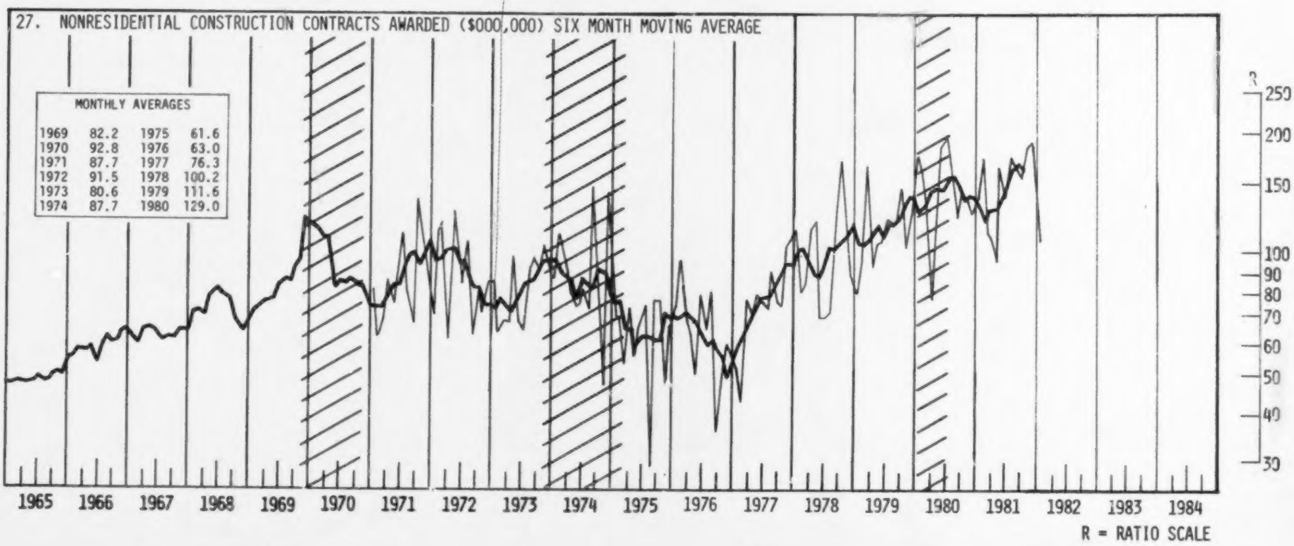
MONTHLY AVERAGES

1969	183.8	1975	163.4
1970	228.4	1976	174.0
1971	200.8	1977	233.0
1972	245.6	1978	270.3
1973	209.7	1979	301.1
1974	197.4	1980	315.8


26. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

1969	58.3	1975	52.6
1970	53.8	1976	67.7
1971	70.9	1977	93.6
1972	111.9	1978	113.6
1973	89.9	1979	142.9
1974	59.9	1980	127.6


27. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX MONTH MOVING AVERAGE

MONTHLY AVERAGES

1969	82.2	1975	61.6
1970	92.8	1976	63.0
1971	87.7	1977	76.3
1972	91.5	1978	100.2
1973	80.6	1979	111.6
1974	87.7	1980	129.0

TABLE X RESIDENTIAL BUILDING PERMITS INDICATORS

28. DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (number)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1,840	3,544	893	1,688	676	1,367		
Feb	1,620	3,038	881	1,676	1,292	2,447	Data have been revised; please see page 1.	
Mar	2,360	2,744	1,477	1,751	1,454	1,715		
Apr	2,395	2,559	1,235	1,348	1,668	1,740		
May	3,154	2,818	1,078	1,041	1,585	1,587		
Jun	3,319	2,779	2,120	1,664	1,967	1,560		
Jul	2,760	2,616	1,994	1,741	2,474	2,213		
Aug	2,629	2,221	1,970	1,825	1,645	1,465		
Sep	3,228	2,658	2,484	2,007	1,562	1,229		
Oct	2,730	2,048	2,495	1,840	1,891	1,455		
Nov	2,351	2,198	1,811	1,735	1,066	1,003		
Dec	2,169	2,165	1,630	1,551	1,551	1,429		

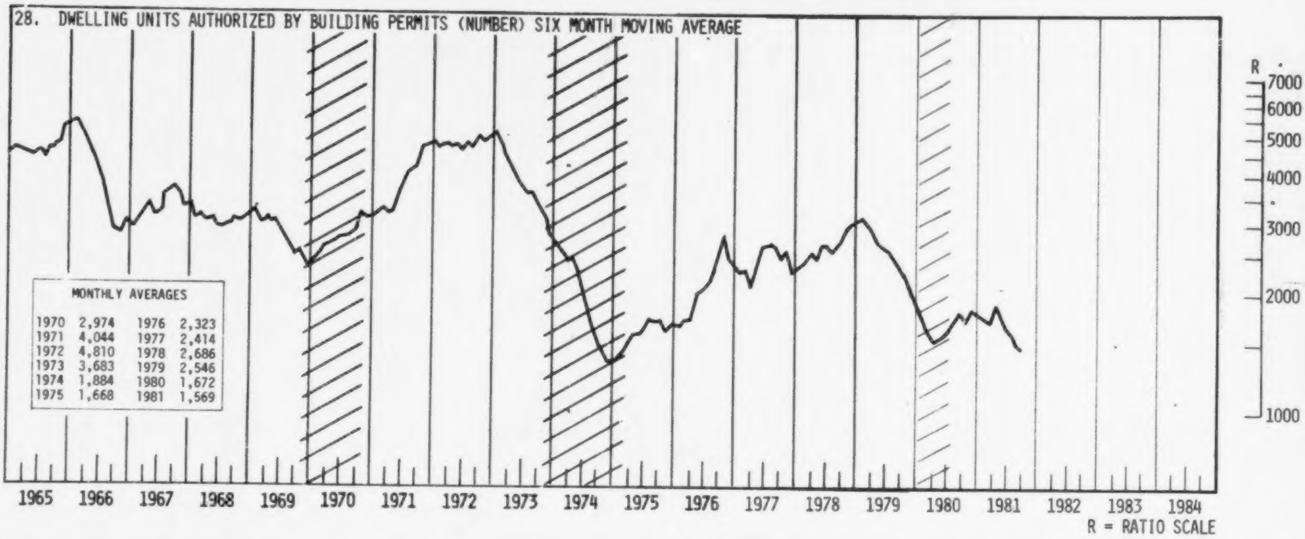
29. DWELLING UNITS (SINGLE) AUTHORIZED BY BUILDING PERMITS (number)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1,019	1,752	754	1,243	467	785		
Feb	1,301	2,228	694	1,039	574	998	Data have been revised; please see page 1.	
Mar	1,576	1,709	810	954	940	1,098		
Apr	1,746	1,741	731	738	1,281	1,229		
May	2,673	2,139	762	631	1,029	944		
Jun	1,715	1,616	1,032	978	1,018	916		
Jul	1,706	1,567	1,159	998	1,150	1,041		
Aug	2,102	1,704	1,314	1,132	1,071	870		
Sep	1,769	1,498	1,599	1,250	1,018	831		
Oct	1,491	1,229	1,557	1,256	1,161	910		
Nov	1,349	1,263	1,330	1,330	690	681		
Dec	1,107	1,278	1,382	1,547	638	684		

30. DWELLING UNITS (5 OR MORE) AUTHORIZED BY BUILDING PERMITS (number)

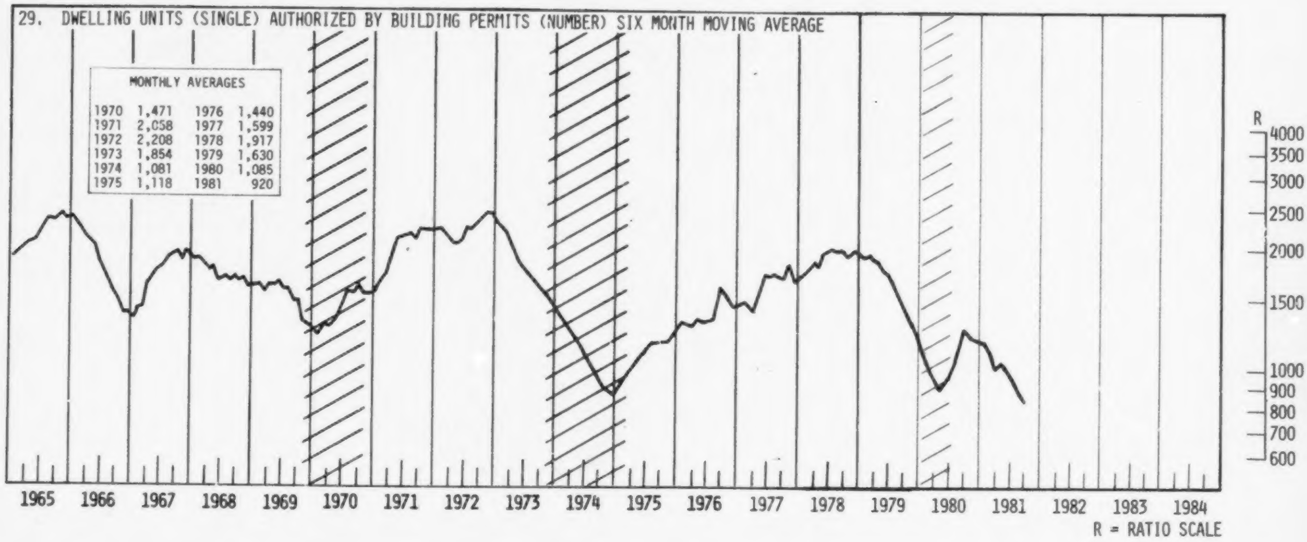
Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	740	3,201	47	205	119	518		
Feb	154	739	80	394	644	3,169	Data have been revised; please see page 1.	
Mar	416	536	447	555	416	517		
Apr	446	599	356	498	160	224		
May	302	445	247	364	324	477		
Jun	1,426	795	759	406	843	451		
Jul	873	702	649	462	898	640		
Aug	224	213	545	595	337	368		
Sep	1,022	797	666	536	336	270		
Oct	894	619	485	360	507	376		
Nov	896	745	296	246	248	207		
Dec	683	513	129	93	792	571		

CHART X RESIDENTIAL BUILDING PERMITS INDICATORS



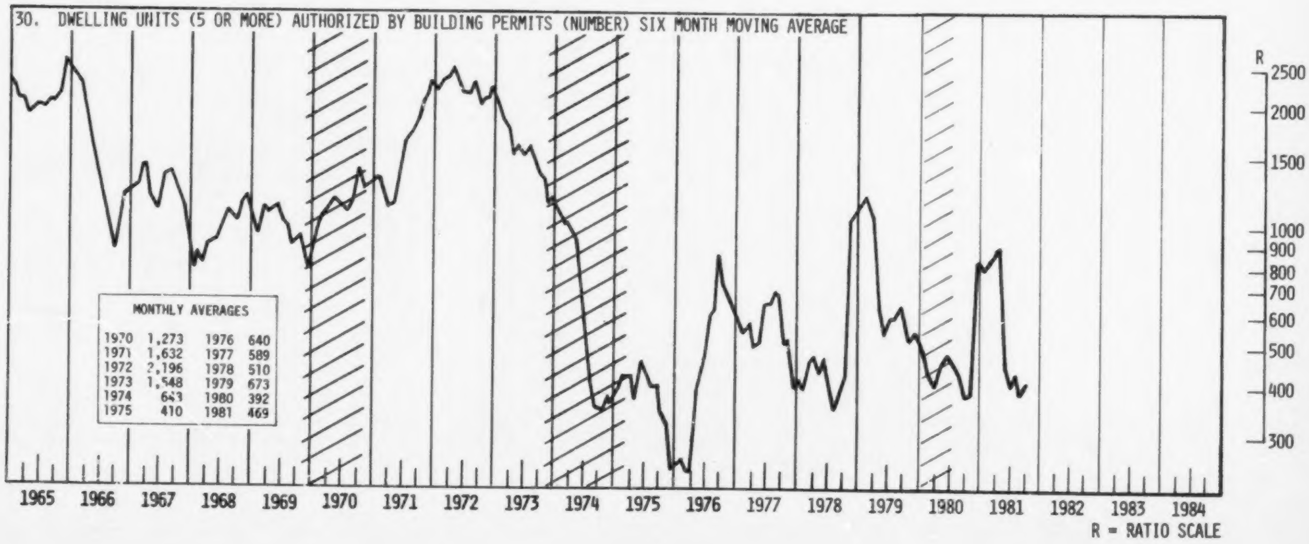
MONTHLY AVERAGES

1970	2,974	1976	2,323
1971	4,044	1977	2,414
1972	4,810	1978	2,686
1973	3,683	1979	2,546
1974	1,884	1980	1,672
1975	1,668	1981	1,569



MONTHLY AVERAGES

1970	1,471	1976	1,440
1971	2,058	1977	1,599
1972	2,208	1978	1,917
1973	1,854	1979	1,630
1974	1,081	1980	1,085
1975	1,118	1981	920



MONTHLY AVERAGES

1970	1,273	1976	640
1971	1,632	1977	589
1972	2,196	1978	510
1973	1,548	1979	673
1974	643	1980	392
1975	410	1981	469

TABLE XI TRADE INDICATORS

31. SALES OF RETAIL STORES ($000,000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	2,310	2,512	2,385	2,582	2,597	2,758		
Feb	2,234	2,541	2,402	2,593	2,465	2,786		
Mar	2,545	2,521	2,529	2,591	2,731	2,807		
Apr	2,400	2,503	2,501	2,554	2,784	2,839	Data have been revised; please see page 1.	
May	2,507	2,476	2,658	2,585	2,837	2,825		
Jun	2,460	2,417	2,557	2,628	2,786	2,804		
Jul	2,345	2,472	2,585	2,675	2,728	2,794		
Aug	2,452	2,476	2,579	2,650	2,753	2,868		
Sep	2,307	2,504	2,482	2,655	2,739	2,934		
Oct	2,457	2,501	2,696	2,708	2,787	2,783		
Nov	2,678	2,518	2,791	2,708	2,905	2,841		
Dec	3,332	2,587	3,597	2,741	3,678p	2,802p		

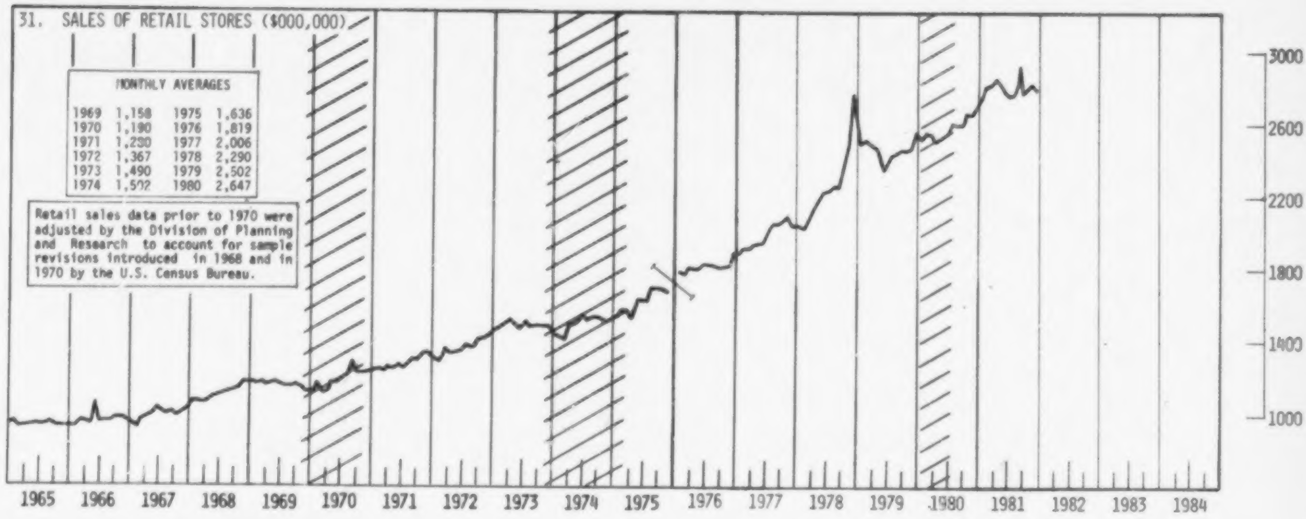
32. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)

Date	1979 Adjusted	1980 Adjusted	1981 Adjusted	1982 Adjusted
Jan	1,302	1,182	1,146	
Feb	1,296	1,169	1,141	
Mar	1,277	1,150	1,144	Data have been revised; please see page 1.
Apr	1,250	1,125	1,152	
May	1,222	1,132	1,144	
Jun	1,178	1,140	1,128	
Jul	1,193	1,155	1,117	
Aug	1,188	1,135	1,137	
Sep	1,190	1,132	1,150	
Oct	1,183	1,150	1,092	
Nov	1,181	1,144	1,119	
Dec	1,203	1,150	1,101p	

33. NEW PASSENGER CAR REGISTRATIONS (number)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	35,441	34,803	35,562	36,277	29,079	28,967	24,492	27,753
Feb	29,477	33,660	33,215	37,065	23,732	27,467		
Mar	37,640	33,857	40,687	37,930	31,180	29,078	Data have been revised; please see page 1.	
Apr	30,702	33,064	33,610	35,440	29,314	29,879		
May	31,584	30,452	35,451	33,694	24,929	27,112		
Jun	43,507	36,410	32,865	29,067	30,523	24,394		
Jul	38,083	34,893	34,625	30,471	29,656	26,493		
Aug	38,683	33,761	34,196	32,740	28,465	25,515		
Sep	27,721	34,179	28,970	30,524	31,599	36,277		
Oct	35,989	35,060	32,360	32,073	27,683	26,063		
Nov	27,539	32,162	23,380	30,703	17,477	22,011		
Dec	26,118	27,032	31,229	30,787	23,414	23,881		

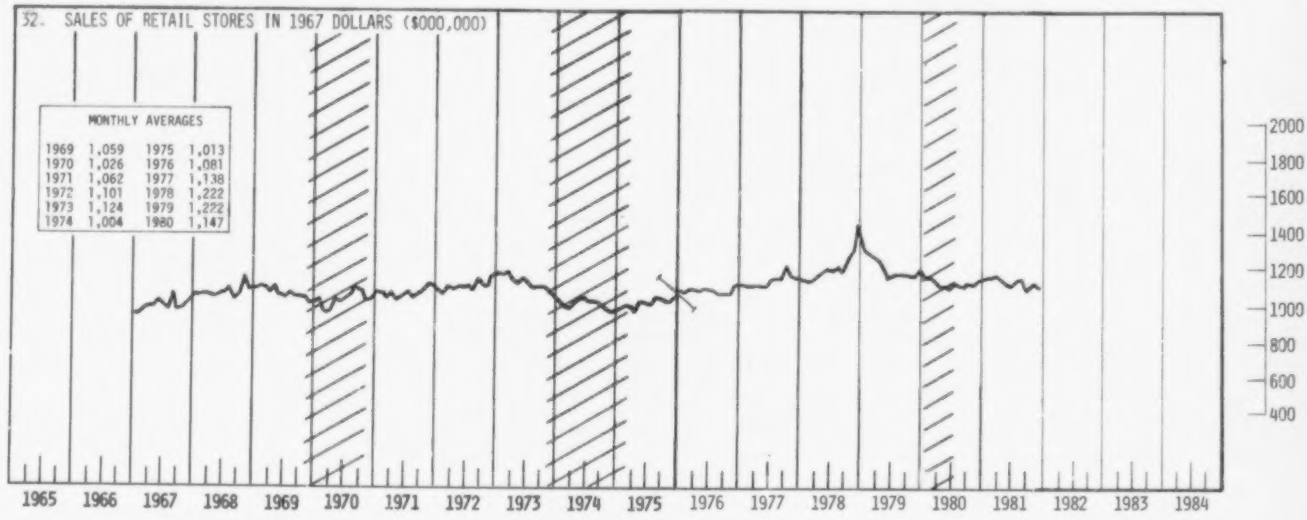
CHART XI TRADE INDICATORS



31. SALES OF RETAIL STORES ($000,000)

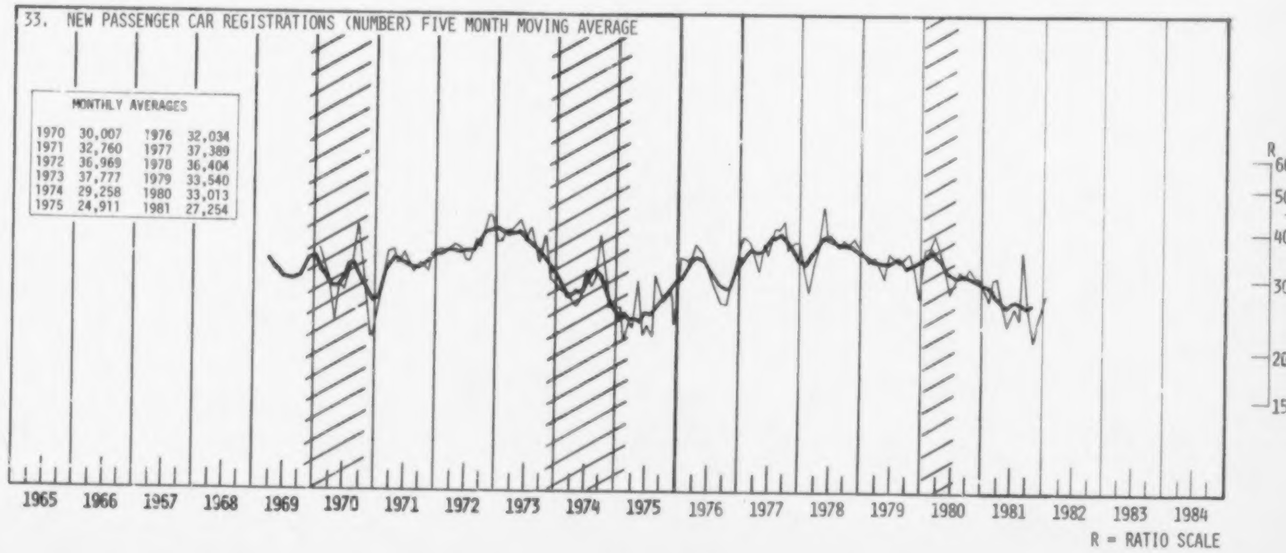
MONTHLY AVERAGES			
1969	1,158	1975	1,636
1970	1,190	1976	1,819
1971	1,230	1977	2,006
1972	1,367	1978	2,290
1973	1,490	1979	2,502
1974	1,502	1980	2,647

Retail sales data prior to 1970 were adjusted by the Division of Planning and Research to account for sample revisions introduced in 1968 and in 1970 by the U.S. Census Bureau.



32. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)

MONTHLY AVERAGES			
1969	1,059	1975	1,013
1970	1,026	1976	1,081
1971	1,062	1977	1,138
1972	1,101	1978	1,222
1973	1,124	1979	1,222
1974	1,004	1980	1,147



33. NEW PASSENGER CAR REGISTRATIONS (NUMBER) FIVE MONTH MOVING AVERAGE

MONTHLY AVERAGES			
1970	30,007	1976	32,034
1971	32,760	1977	37,389
1972	36,969	1978	36,404
1973	37,777	1979	33,540
1974	29,258	1980	33,013
1975	24,911	1981	27,254

TABLE XII LABOR MARKET INDICATORS

34. NONFARM JOB OPENINGS RECEIVED (number) by New Jersey Employment Service

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	19,462	21,499	21,337	22,812	15,617	16,969	10,178	11,210
Feb	14,469	18,119	22,782	27,281	14,092	17,642		
Mar	20,646	18,598	22,229	20,541	19,788	17,688		
Apr	18,087	18,906	20,727	20,073	17,465	17,089		
May	23,967	21,631	21,982	19,915	18,850	17,008		
Jun	17,107	18,127	16,342	17,985	14,713	15,763		
Jul	15,109	15,113	19,960	19,440	14,862	14,653		
Aug	20,453	17,018	20,558	18,440	13,502	12,617		
Sep	17,961	16,451	26,980	24,235	15,391	13,550		
Oct	24,981	22,386	18,989	16,959	15,295	14,036		
Nov	16,138	17,924	16,286	18,910	11,284	13,113		
Dec	16,092	19,400	16,069	18,004	12,908	14,221		

Data have been revised; please see page 1.

35. NONFARM JOB PLACEMENTS (number) made by New Jersey Employment Services

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	11,806	13,328	12,963	14,065	11,281	12,251	8,167	9,119
Feb	10,157	11,861	13,116	14,285	11,086	12,583		
Mar	13,292	11,408	14,150	12,804	15,017	13,304		
Apr	11,152	11,884	13,310	12,922	10,594	14,678		
May	13,962	13,234	13,936	13,200	12,271	10,304		
Jun	11,584	12,154	10,504	11,746	10,735	11,538		
Jul	9,781	10,362	12,143	12,644	9,824	10,445		
Aug	11,995	10,506	13,331	12,657	10,046	10,025		
Sep	10,215	9,141	21,725	18,752	11,647	9,769		
Oct	15,393	14,562	13,799	12,723	11,917	11,100		
Nov	12,404	13,000	10,048	11,146	8,969	10,081		
Dec	10,492	11,893	11,448	12,218	10,728	11,288		

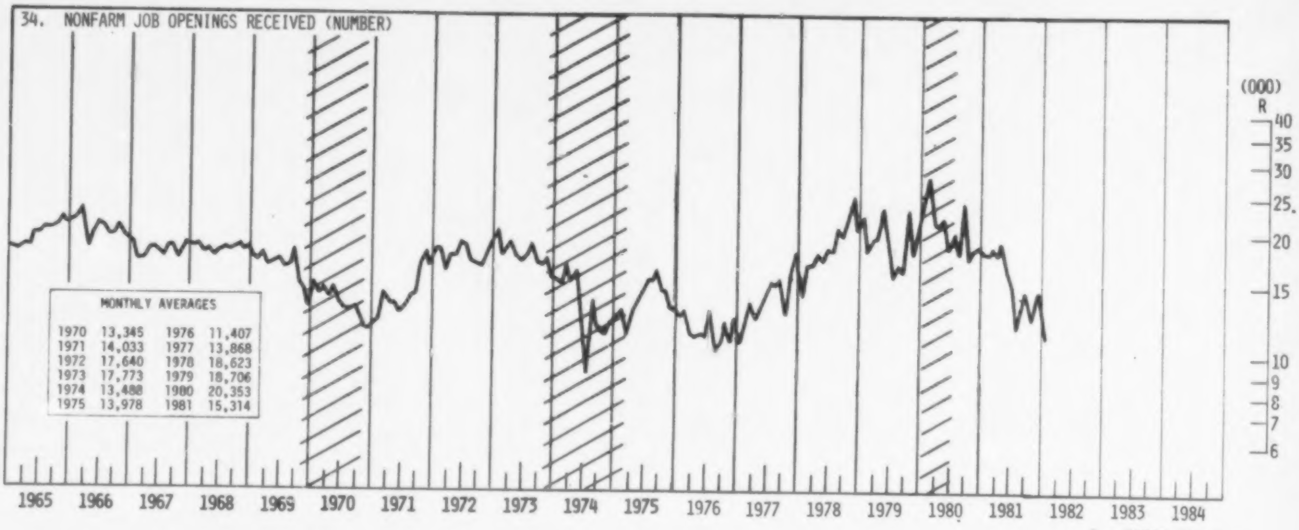
Data have been revised; please see page 1.

36. WEEKS CLAIMED - WEEKLY AVERAGE (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	151.0	124.0	155.8	128.3	158.4	130.5	166.9	137.6
Feb	158.3	127.6	155.1	126.0	154.2	125.8		
Mar	148.7	126.7	145.3	124.1	147.2	125.8		
Apr	128.3	125.2	137.7	135.2	127.7	125.6		
May	114.1	122.3	130.5	140.4	115.1	123.9		
Jun	106.5	121.0	128.6	146.5	108.4	123.5		
Jul	119.1	123.1	142.3	145.7	121.0	123.3		
Aug	119.2	126.0	136.0	142.4	117.9	122.9		
Sep	105.7	125.5	118.7	140.2	105.8	124.8		
Oct	106.2	126.2	117.1	139.4	103.5	123.3		
Nov	117.3	128.7	120.2	132.0	116.8	128.5		
Dec	131.7	127.4	132.5	128.6	141.9	138.1		

Data have been revised; please see page 1.

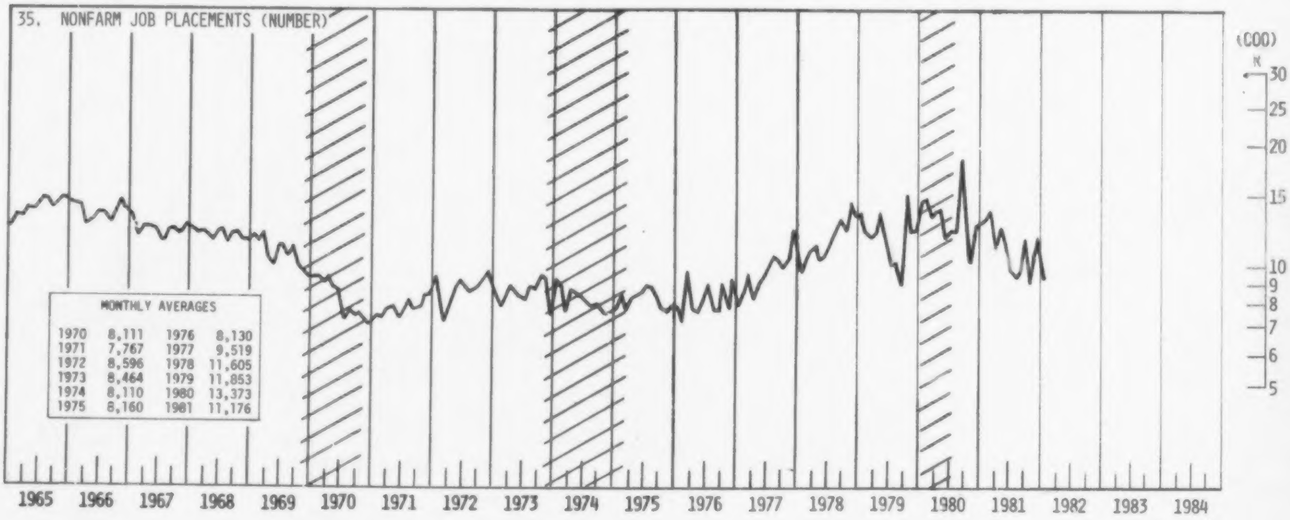
CHART XII LABOR MARKET INDICATORS


34. NONFARM JOB OPENINGS RECEIVED (NUMBER)

MONTHLY AVERAGES

1970	13,345	1976	11,407
1971	14,033	1977	13,868
1972	17,640	1978	18,623
1973	17,773	1979	18,706
1974	13,488	1980	20,353
1975	13,978	1981	15,314

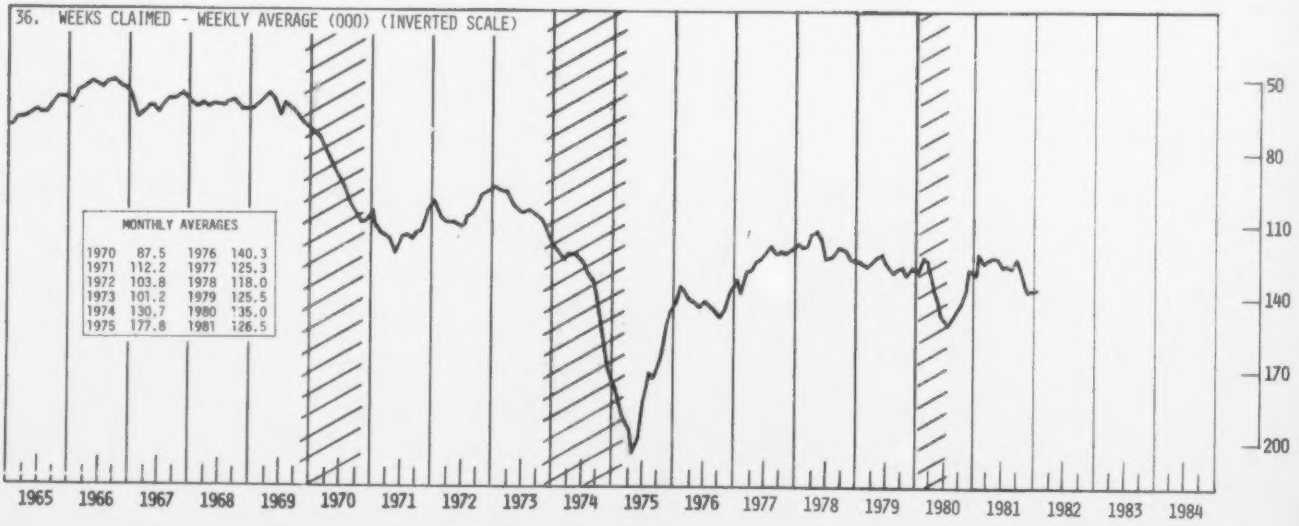
R = RATIO SCALE


35. NONFARM JOB PLACEMENTS (NUMBER)

MONTHLY AVERAGES

1970	8,111	1976	8,130
1971	7,767	1977	9,519
1972	8,596	1978	11,605
1973	8,464	1979	11,853
1974	8,110	1980	13,373
1975	8,160	1981	11,176

R = RATIO SCALE


36. WEEKS CLAIMED - WEEKLY AVERAGE (000) (INVERTED SCALE)

MONTHLY AVERAGES

1970	87.5	1976	140.3
1971	112.2	1977	125.3
1972	103.8	1978	118.0
1973	101.2	1979	125.5
1974	130.7	1980	135.0
1975	177.8	1981	126.5

TABLE XIII UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - I

37. INSURED UNEMPLOYMENT RATE (%)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	5.92	4.86	5.42	4.47	5.42	4.47	5.66	4.67
Feb	6.21	5.00	5.40	4.39	5.28	4.30		
Mar	5.83	4.97	5.06	4.32	5.04	4.30		
Apr	4.81	4.69	4.77	4.68	4.37	4.29		
May	4.27	4.58	4.52	4.86	3.94	4.24		
Jun	3.99	4.53	4.45	5.07	3.70	4.22		
Jul	4.25	4.39	4.91	5.02	4.12	4.20		
Aug	4.25	4.49	4.69	4.91	4.02	4.19		
Sep	3.77	4.48	4.09	4.83	3.61	4.25		
Oct	3.72	4.43	4.02	4.78	3.53	4.20		
Nov	4.11	4.51	4.12	4.53	3.98	4.38		
Dec	4.62	4.47	4.54	4.41	4.83	4.70		

Data have been revised; please see page 1.

38. INITIAL CLAIMS WEEKLY AVERAGE (number)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	20,913	14,953	19,898	14,814	20,272	15,062	21,466	15,959
Feb	16,275	16,117	16,193	15,670	14,297	14,363		
Mar	14,365	16,084	15,164	16,389	13,126	14,058		
Apr	16,475	17,529	16,278	18,445	12,587	14,077		
May	12,274	15,510	16,539	20,621	11,821	14,662		
Jun	16,670	16,005	20,648	18,330	15,512	13,747		
Jul	17,989	15,805	17,923	16,588	15,719	14,498		
Aug	12,747	15,984	13,781	17,257	11,650	13,996		
Sep	12,920	16,414	12,514	15,188	12,200	15,804		
Oct	14,833	16,392	13,258	15,304	13,485	15,577		
Nov	16,095	16,791	13,829	14,596	16,740	16,694		
Dec	22,542	16,185	20,125	14,666	22,934	17,404		

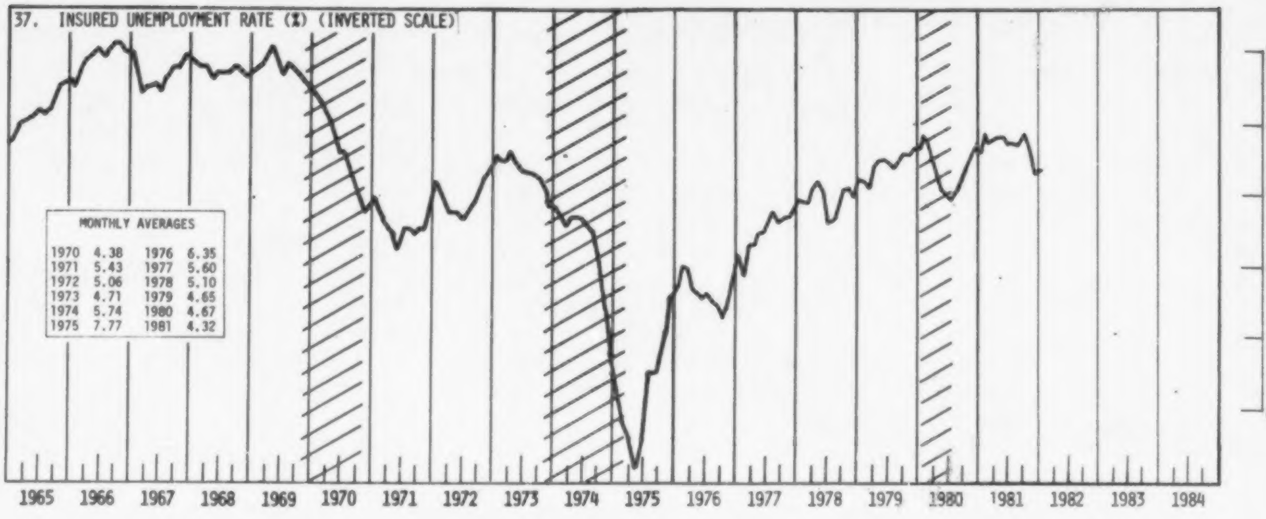
Data have been revised; please see page 1.

39. UNEMPLOYMENT INSURANCE EXHAUSTIONS (number)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	13,393	12,346	12,754	11,799	14,458	13,408	14,463	13,413
Feb	12,204	11,783	13,181	12,681	14,121	13,587		
Mar	14,597	11,972	14,712	12,077	17,165	14,099		
Apr	13,452	11,730	15,526	13,335	16,897	14,400		
May	12,979	12,242	13,336	12,593	14,009	13,253		
Jun	10,750	11,594	11,836	12,946	12,543	13,795		
Jul	12,146	12,323	12,997	13,216	13,349	13,570		
Aug	11,206	11,830	10,826	11,648	11,760	12,796		
Sep	9,173	11,069	11,571	13,879	11,624	13,867		
Oct	12,248	13,856	13,056	14,608	11,831	13,167		
Nov	11,367	12,981	11,732	13,471	11,387	13,124		
Dec	11,981	11,887	15,816	15,565	15,087	14,786		

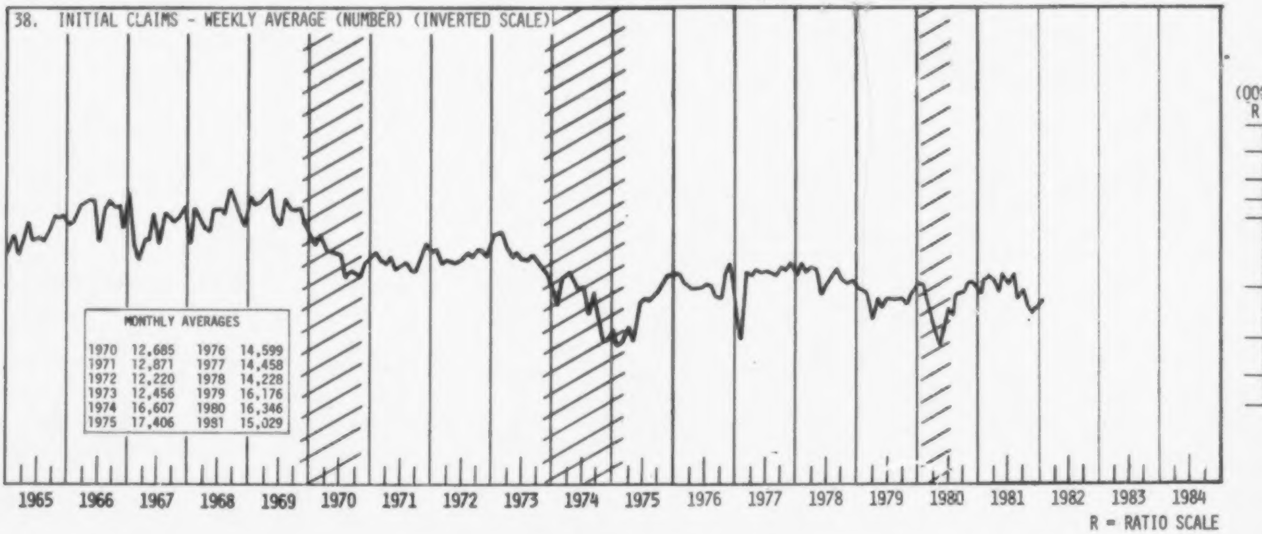
Data have been revised; please see page 1.

CHART XIII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS — I



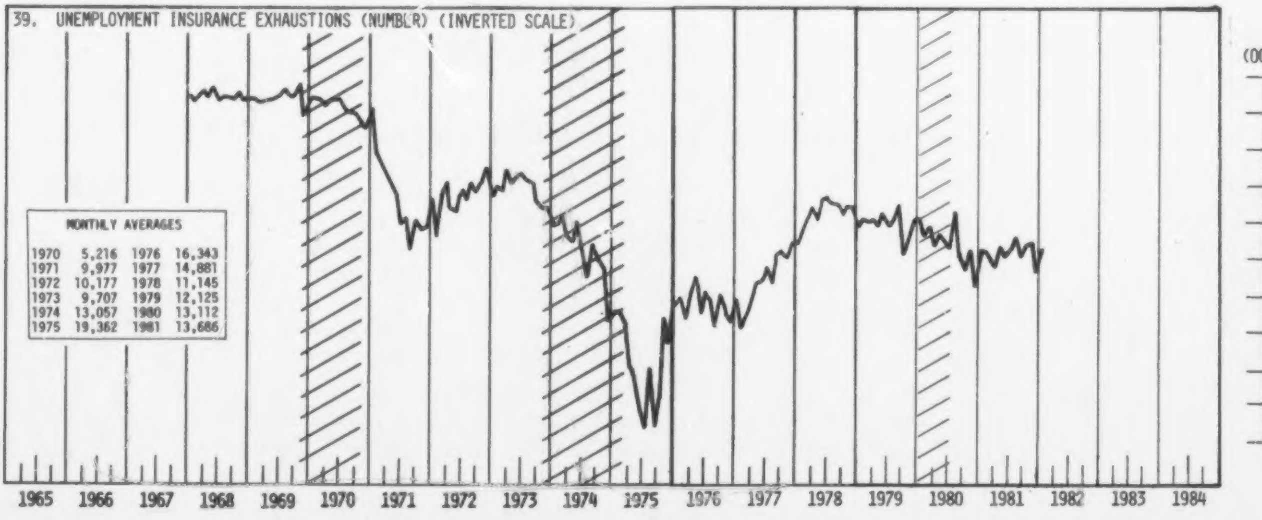
MONTHLY AVERAGES

1970	4.38	1976	6.35
1971	5.43	1977	5.60
1972	5.06	1978	5.10
1973	4.71	1979	4.65
1974	5.74	1980	4.67
1975	7.77	1981	4.32



MONTHLY AVERAGES

1970	12,685	1976	14,599
1971	12,871	1977	14,458
1972	12,220	1978	14,228
1973	12,456	1979	16,176
1974	16,607	1980	16,346
1975	17,406	1981	15,029



MONTHLY AVERAGES

1970	5,216	1976	16,343
1971	9,977	1977	14,881
1972	10,177	1978	11,145
1973	9,707	1979	12,125
1974	13,057	1980	13,112
1975	19,362	1981	13,686

TABLE XIV UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS - II

40. INSURED UNEMPLOYMENT IN MANUFACTURING (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	52.3	41.3	56.7	45.2	59.8	47.7	67.5	53.9
Feb	47.5	40.6	52.1	45.2	52.3	45.8		
Mar	46.0	42.9	48.5	45.3	50.0	46.7		
Apr	44.8	42.9	49.6	47.8	45.3	43.8		
May	41.8	43.0	50.3	51.7	40.0	41.1		
Jun	37.1	39.6	51.8	55.6	35.8	38.5		
Jul	37.1	37.0	58.1	57.4	39.5	38.9		
Aug	37.8	40.8	55.8	59.4	40.8	43.1		
Sep	34.4	42.4	43.9	54.0	32.1	39.5		
Oct	37.7	43.7	46.6	54.0	34.2	39.6		
Nov	39.0	43.5	47.4	52.6	38.7	42.8		
Dec	48.6	45.9	50.2	47.2	50.7	47.8		

Data have been revised; please see page 1.

41. INSURED UNEMPLOYMENT IN CONSTRUCTION (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	12.6	10.2	15.3	12.6	20.8	17.2	18.9	15.6
Feb	23.2	11.8	24.0	12.1	24.5	12.4		
Mar	22.9	11.6	27.4	13.8	22.4	11.2		
Apr	15.7	11.0	22.6	15.7	16.2	11.1		
May	10.6	10.5	16.3	15.9	12.0	11.6		
Jun	7.6	10.2	11.8	15.9	8.9	11.9		
Jul	6.7	10.1	10.6	15.9	7.9	11.8		
Aug	6.5	11.7	7.9	14.2	6.7	12.0		
Sep	6.1	11.3	6.5	12.2	6.4	12.1		
Oct	6.5	11.7	7.0	13.0	6.6	12.4		
Nov	5.9	10.7	7.4	13.6	7.0	13.1		
Dec	9.7	11.8	9.5	12.9	10.0	13.5		

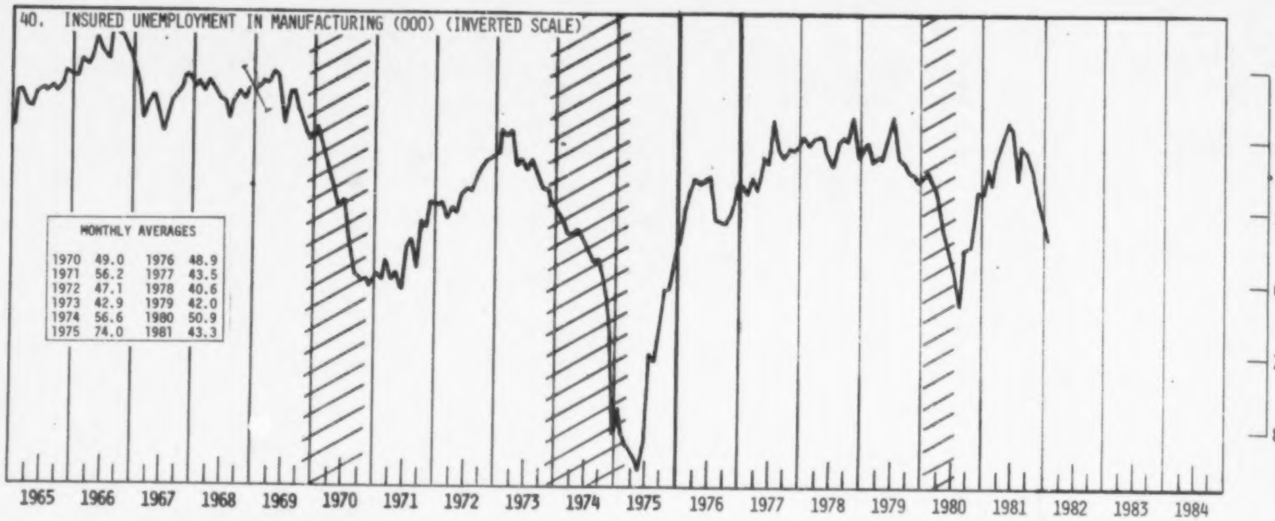
Data have been revised; please see page 1.

42. INSURED UNEMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES (000)

Date	1979		1980		1981		1982	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	60.0	53.5	56.1	50.1	67.0	60.2	71.8	64.5
Feb	57.3	52.2	59.5	54.0	67.8	61.5		
Mar	57.5	54.2	56.8	53.9	63.3	60.2		
Apr	52.6	53.4	53.9	55.4	57.5	59.4		
May	49.0	52.4	54.0	58.0	52.9	57.4		
Jun	47.7	52.5	53.9	59.5	51.0	56.6		
Jul	54.9	53.1	63.0	60.5	62.0	59.5		
Aug	61.0	55.9	66.3	60.2	62.4	56.3		
Sep	51.1	56.9	55.8	61.5	55.8	61.1		
Oct	49.9	55.7	56.6	63.1	52.4	58.4		
Nov	49.3	52.6	57.8	61.6	57.6	61.5		
Dec	55.5	52.8	60.9	58.4	64.0	61.7		

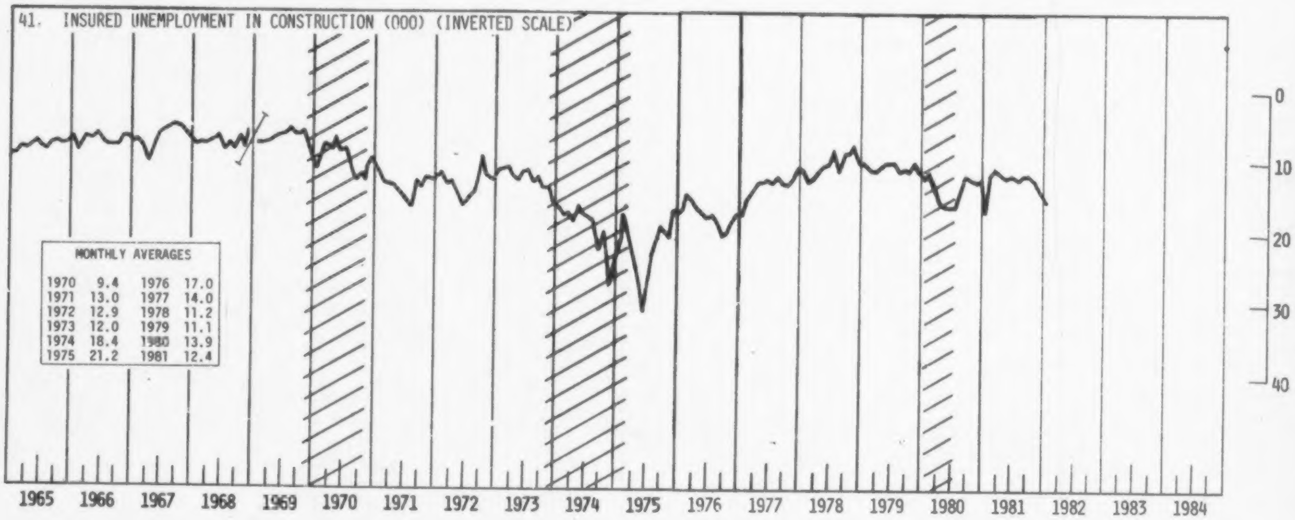
Data have been revised; please see page 1.

CHART XIV UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS — II



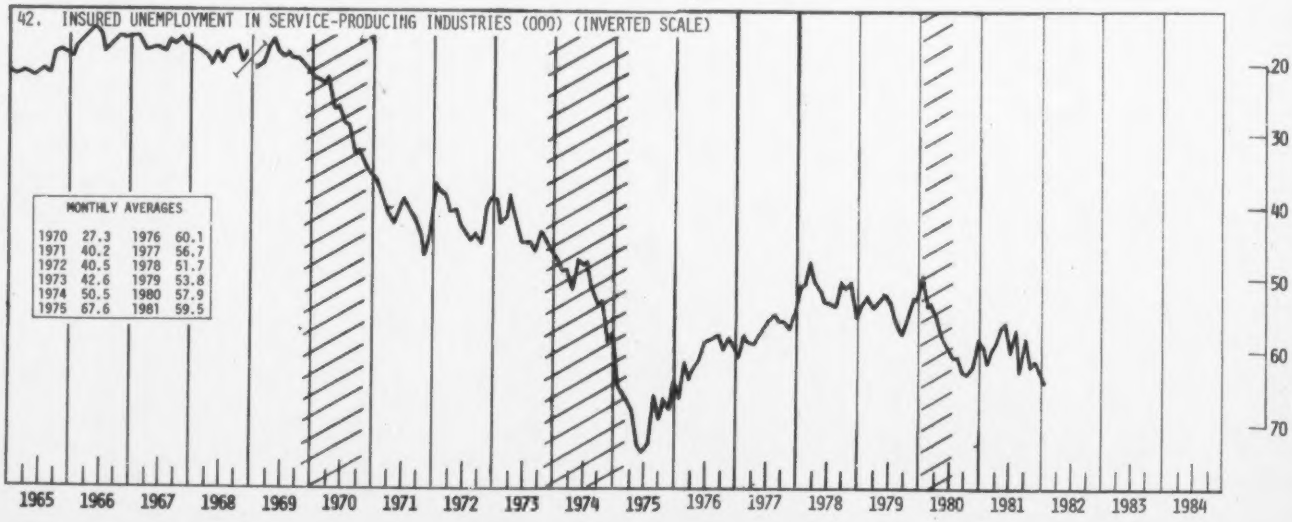
MONTHLY AVERAGES

1970	49.0	1976	48.9
1971	56.2	1977	43.5
1972	47.1	1978	40.6
1973	42.9	1979	42.0
1974	56.6	1980	50.9
1975	74.0	1981	43.3



MONTHLY AVERAGES

1970	9.4	1976	17.0
1971	13.0	1977	14.0
1972	12.9	1978	11.2
1973	12.0	1979	11.1
1974	18.4	1980	13.9
1975	21.2	1981	12.4



MONTHLY AVERAGES

1970	27.3	1976	60.1
1971	40.2	1977	56.7
1972	40.5	1978	51.7
1973	42.6	1979	53.8
1974	50.5	1980	57.9
1975	67.6	1981	59.5

NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY
(thousands)

	1981 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	1982 Jan
SEASONALLY ADJUSTED													
TOTAL NONAGRICULTURAL	3082.2	3094.4	3089.5	3088.9	3071.1	3079.4	3088.3	3081.9	3091.6	3095.9	3097.2	3093.1	3095.0
PRIVATE SECTOR	2556.6	2570.3	2566.0	2568.3	2551.8	2561.7	2574.9	2569.8	2571.7	2575.8	2574.9	2570.0	2576.5
GOVERNMENT	525.6	524.1	523.5	520.6	519.3	517.7	513.4	512.1	519.9	520.1	522.3	523.1	518.5
NOT SEASONALLY ADJUSTED													
TOTAL NONAGRICULTURAL	3016.1	3015.1	3039.0	3070.8	3078.4	3140.7	3138.0	3132.6	3105.5	3107.9	3105.7	3094.2	3028.0
MANUFACTURING	770.2	771.1	773.6	774.8	776.7	787.9	773.1	778.5	784.5	779.9	771.5	759.4	747.9
Durable Goods	381.4	380.6	382.7	385.1	383.9	387.9	383.2	379.8	385.7	383.2	377.0	372.1	367.4
Lumber & Wood Products	5.4	5.3	5.3	5.4	5.5	5.5	5.5	5.6	5.5	5.6	5.4	5.5	5.1
Furniture & Fixtures	9.5	9.6	9.5	9.5	9.6	9.8	9.8	10.1	10.0	9.9	9.8	9.6	9.5
Stone, Clay & Glass Products	31.9	32.0	32.2	32.8	33.0	33.4	33.3	33.5	33.0	32.0	31.1	30.5	29.6
Glass & Glassware/pressed, blown	11.8	11.8	12.0	12.2	12.3	12.6	12.4	12.6	12.6	11.8	11.2	10.9	10.7
Pottery & related products	4.2	4.3	4.3	4.4	4.4	4.4	4.4	4.5	4.4	4.3	4.3	4.3	4.1
Other stone, clay & glass prod.	15.9	15.9	15.9	16.2	16.3	16.4	16.5	16.4	16.0	15.9	15.6	15.3	14.8
Primary Metal Industries	25.7	25.4	25.9	26.3	25.6	25.9	25.9	25.8	26.2	26.0	25.4	25.0	24.5
Blast furn. & basic steel prod.	3.5	3.5	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.3	3.3	2.9
Iron & steel foundries	3.4	3.2	3.4	3.7	3.6	3.6	3.6	3.6	3.7	3.4	3.5	3.3	3.4
Primary & secondary nonfer. metal	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.6	3.6	3.6	3.5	3.5
Nonfer. rolling & drawing metal	10.3	10.3	10.5	10.4	9.8	9.9	10.1	10.0	10.2	10.3	10.1	10.1	10.0
Other primary metal industries	4.7	4.7	4.9	5.0	5.1	5.2	5.1	5.0	5.0	5.0	4.9	4.8	4.7
Fabricated Metals, incl. Ordnance	59.4	58.8	59.5	59.7	59.8	60.1	59.1	59.4	60.1	59.4	58.6	58.0	57.1
Metal cans	6.1	6.1	6.2	6.2	6.1	5.9	5.8	5.9	5.9	5.9	5.8	5.8	5.5
Cutlery, hand tools & hardware	7.4	7.2	7.2	7.4	7.4	7.4	7.4	7.2	7.4	7.2	6.8	6.5	6.5
Fabricated struct. metal prod.	13.0	12.8	12.9	12.9	13.0	13.3	12.9	12.8	13.0	12.9	13.1	13.1	13.0
Metal stampings	7.3	7.1	7.3	7.5	7.5	7.5	7.2	7.6	7.7	7.8	7.4	7.3	7.2
Other fab. metals, incl. ord.	25.6	25.6	25.9	25.7	25.8	26.0	26.0	25.9	26.1	25.6	25.5	25.3	24.9
Machinery, Except Electrical	75.1	74.7	74.6	74.5	73.6	73.9	73.2	72.7	72.2	71.7	71.8	71.0	70.6
Constrction & related machinery	5.6	5.5	5.6	5.7	5.9	5.8	5.6	5.6	5.6	5.6	5.6	5.6	5.7
Metalworking machinery	9.4	9.4	9.3	9.2	9.2	9.2	9.1	9.1	9.2	9.2	9.1	9.2	9.2
Special industry machinery	11.4	11.3	11.4	11.4	11.2	11.4	11.3	11.2	11.0	10.9	11.0	10.7	10.7
General industry machinery	17.5	17.3	17.2	17.0	16.6	16.6	16.4	16.2	16.3	16.2	16.0	16.1	15.9
Service industry machinery	6.9	7.0	6.9	7.2	7.1	7.2	7.1	7.1	7.0	6.8	6.9	6.6	6.3
Other machinery, except elec.	24.3	24.2	24.2	24.0	23.6	23.7	23.7	23.5	23.1	23.0	23.2	22.8	22.8
Electrical Equipment & Supplies	92.5	92.6	92.4	92.9	92.6	93.4	92.1	91.7	92.5	92.6	92.2	91.8	91.5
Elec. test & distribution equip.	5.0	5.2	5.2	5.3	5.3	5.3	5.0	5.2	5.4	5.4	5.3	5.3	5.3
Electrical industrial apparatus	5.9	6.0	6.0	6.0	6.0	6.2	6.1	6.0	6.0	5.9	6.0	6.0	5.9
Elec. lighting & wiring equipt.	13.2	13.6	13.7	13.9	14.0	13.9	13.6	13.7	13.7	13.6	13.5	13.1	13.2
Radio & TV receiving equipment	4.8	4.7	4.7	4.7	4.7	4.7	4.8	5.0	5.1	5.0	4.8	4.7	4.7
Communication equipment	34.5	34.4	34.3	34.3	34.3	34.7	34.5	34.1	34.2	34.5	34.5	34.8	34.9
Electronic components & access.	21.3	21.3	21.4	21.6	21.5	21.9	21.6	21.3	21.5	21.7	21.7	21.5	21.3
Other elec. equipment & supplies	7.8	7.4	7.1	7.1	6.8	6.7	6.5	6.4	6.6	6.5	6.4	6.4	6.2
Transportation Equipment	18.0	17.7	18.1	18.3	18.1	18.4	17.9	13.5	18.1	18.3	15.5	14.4	14.1
Motor vehicles	12.1	12.0	12.6	12.6	12.6	12.8	12.4	8.1	12.7	12.8	10.2	9.1	8.9
Aircraft & parts	3.0	3.0	2.9	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8	2.8	2.8
Ship & boat bldg. & repairing	2.4	2.2	2.1	2.4	2.2	2.3	2.1	2.1	2.1	2.2	2.0	2.0	1.9
Other transportation equipment	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Instruments & Related Products	37.2	37.2	37.5	37.3	37.4	37.8	37.7	37.7	37.8	37.7	37.7	37.8	37.7
Miscellaneous Mfg. Industries	26.7	27.3	27.7	28.4	28.7	29.7	28.7	29.8	30.3	30.0	29.5	28.5	27.7
Nondurable Goods	388.8	390.5	390.9	389.7	392.8	400.0	390.0	398.7	398.8	396.7	394.5	387.3	380.5
Food & Kindred Products	49.2	49.5	49.7	49.0	48.7	49.7	49.1	50.4	50.1	48.9	48.6	48.6	47.7
Canned, cured & frozen foods	9.7	9.9	9.9	9.5	9.6	9.6	9.5	10.4	10.4	9.9	10.0	9.7	9.6
Grain mill & bakery products	13.9	14.1	14.0	13.9	13.8	13.9	14.0	14.1	14.3	14.0	13.8	14.0	13.9
Beverages	6.4	6.3	6.4	6.2	6.4	6.5	6.6	6.6	6.4	5.9	5.9	6.0	5.8
Other food & kindred products	19.2	19.2	19.4	19.4	18.9	19.7	19.0	19.3	19.0	19.1	18.9	18.9	18.4
Tobacco Manufactures	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Textile Mill Products	19.7	19.7	19.9	20.1	20.4	20.7	19.3	20.1	20.8	20.5	19.7	19.0	18.6
Broad woven fabric mills	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.1
Textile finishing, except wool	5.7	5.8	5.8	5.9	5.8	6.0	5.5	5.7	6.1	6.0	5.8	5.7	5.6
Other textile mill products	12.6	12.5	12.7	12.8	13.2	13.3	12.5	13.1	13.4	13.2	12.6	12.0	11.9

See note on page S-33.

NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY
(thousands)

	1981												1982
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Apparel & Other Textile Products	53.0	53.4	53.2	53.1	54.7	57.3	53.4	57.5	58.0	58.4	57.4	53.1	50.3
Men's & boys' suits and coats	3.4	3.4	3.2	3.2	3.1	2.9	2.6	3.0	3.0	3.0	2.9	3.0	2.5
Men's & boys' furnishings	3.9	3.8	3.9	4.0	4.1	4.1	3.7	4.2	4.3	4.3	4.3	4.2	3.9
Women's & misses' outerwear	27.3	27.9	27.5	27.2	28.7	30.8	29.2	31.3	31.7	31.6	30.5	26.8	25.6
Women's & children's undergarm.	3.9	3.9	4.0	4.0	3.9	4.0	3.7	4.0	4.1	4.2	4.2	4.1	4.1
Other apparel & related products	14.5	14.4	14.6	14.7	14.9	15.5	14.2	15.0	14.9	15.3	15.5	15.0	14.2
Paper & Allied Products	30.9	31.1	29.8	29.7	30.0	31.2	30.1	31.0	31.0	30.8	30.4	30.4	29.8
Paper/p'b'rd mills ex bldg.pap.	3.1	3.2	2.4	2.4	2.5	3.3	3.2	3.3	3.4	3.3	3.3	3.2	3.3
Paperboard containers & boxes	13.0	13.1	13.0	12.9	12.9	12.8	12.0	12.6	12.7	12.6	12.7	12.5	11.8
Other paper & allied products	14.8	14.8	14.4	14.4	14.6	15.1	14.9	15.1	14.9	14.9	14.4	14.7	14.7
Printing & Publishing	54.0	54.2	54.4	54.4	54.2	54.7	54.3	55.0	54.9	55.0	55.6	55.3	54.8
Newspapers	14.9	14.9	14.7	14.7	14.7	15.0	15.0	14.9	14.9	14.8	14.8	14.8	14.7
Commercial printing	15.2	15.3	15.6	15.5	15.5	15.8	15.3	15.8	16.0	16.2	16.4	16.3	16.0
Other printing & publishing	23.9	24.0	24.1	24.2	24.0	23.9	24.0	24.3	24.0	24.0	24.4	24.2	24.1
Chemicals & Allied Products	126.5	127.0	128.0	126.9	128.0	129.5	128.8	128.7	127.6	127.0	127.3	126.6	126.1
Industrial inorganic chemicals	11.4	11.4	11.3	11.4	11.5	11.5	11.3	11.1	11.0	10.9	11.0	10.9	10.9
Plastic materials & synthetics	8.6	8.7	8.8	8.8	8.9	9.1	9.0	8.9	8.8	8.7	8.6	8.6	8.4
Drugs	41.9	42.0	41.8	41.9	42.0	42.6	42.4	42.5	42.0	42.1	42.3	42.4	42.6
Soaps, cleaners & toilet goods	23.3	23.5	23.7	23.2	23.3	23.7	23.6	23.6	23.5	23.4	23.3	22.9	22.9
Paints & allied products	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.5	5.4	5.4	5.4	5.3
Industrial organic chemicals	24.8	24.6	25.3	24.4	25.1	25.1	25.1	25.1	24.9	24.7	24.8	24.6	24.2
Other chemicals & allied prods.	11.4	11.6	11.8	11.8	11.8	12.0	11.8	11.9	11.9	11.8	11.9	11.8	11.8
Petroleum & Coal Products	12.0	11.9	12.3	12.1	12.0	12.3	12.4	12.4	12.2	12.0	12.0	11.9	11.8
Petroleum refining	9.2	9.2	9.4	9.3	9.1	9.3	9.5	9.5	9.4	9.3	9.3	9.3	9.3
Other petroleum & coal products	2.8	2.7	2.9	2.8	2.9	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5
Rubber & plastic products, NEC	37.2	37.3	37.9	37.9	38.3	38.2	37.1	37.4	37.9	37.5	36.9	36.2	35.5
Rubber & rubber products	7.2	7.2	7.2	7.2	7.4	7.3	7.2	7.2	7.4	7.3	7.2	7.1	6.9
Miscellaneous plastic products	30.0	30.1	30.7	30.7	30.9	30.9	29.9	30.2	30.5	30.2	29.7	29.1	28.6
Leather & Leather Products	6.0	6.1	6.2	6.4	6.2	6.1	5.2	5.9	6.0	6.3	6.3	5.9	5.6
Handbags, personal leather goods	2.5	2.6	2.6	2.5	2.5	2.4	1.8	2.3	2.4	2.6	2.6	2.3	2.1
Other leather & leather products	3.5	3.5	3.6	3.7	3.7	3.7	3.4	3.6	3.6	3.7	3.7	3.6	3.5
NONMANUFACTURING	2245.9	2244.0	2265.4	2296.0	2301.7	2352.8	2364.8	2354.1	2321.0	2328.0	2334.2	2334.8	2280.1
Mining	2.2	2.2	2.3	2.3	2.3	2.2	2.4	2.3	2.4	2.3	2.3	2.3	2.1
Construction	101.3	99.0	105.4	114.3	102.7	112.9	119.7	118.7	117.3	118.0	116.9	111.8	102.7
Transportation, Communications, Electric, Gas & Sanitary Services	187.4	187.8	188.9	188.2	188.9	191.6	188.9	188.6	192.6	194.7	194.1	193.7	189.7
Railroad transportation	7.0	6.9	6.9	6.9	6.3	6.7	6.6	6.4	6.6	6.6	6.4	6.1	6.1
Other transportation	100.9	101.3	102.3	101.6	102.6	103.8	100.9	101.2	104.2	104.2	103.9	103.8	100.0
Communications	53.8	53.9	53.8	53.9	54.1	54.5	54.6	54.5	55.5	57.6	57.5	57.4	57.3
Electric, Gas & Sanitary serv.	25.7	25.7	25.9	25.8	25.9	26.6	26.8	26.5	26.3	26.3	26.3	26.4	26.3
Wholesale & Retail Trade	662.9	659.3	660.8	672.8	682.0	697.5	694.5	693.7	692.5	687.9	692.4	701.6	675.3
Wholesale trade	199.8	199.4	199.3	199.6	199.7	201.4	201.3	201.6	202.0	201.8	201.2	201.1	201.6
Retail trade	463.1	459.9	461.5	473.2	482.3	496.1	493.2	492.1	490.5	486.1	491.2	500.5	473.7
Retail general merchandise	75.6	73.8	72.6	73.1	72.9	73.2	72.8	72.6	74.4	76.6	80.3	85.1	77.9
Food stores	80.0	81.4	80.7	82.5	83.0	84.7	84.4	84.6	84.0	84.4	85.1	85.3	83.0
Auto dealers & service sta.	46.9	46.2	45.9	46.1	45.9	45.9	45.7	45.6	45.6	45.9	45.8	45.6	45.3
Apparel & accessories	39.6	38.2	38.1	38.8	38.7	39.2	38.4	38.3	40.2	40.3	41.4	43.5	40.2
Eating & drinking places	119.1	119.5	123.1	130.2	138.3	148.1	147.7	147.3	142.3	133.7	130.9	130.3	124.1
Other retail trade	101.9	100.8	101.1	102.5	103.5	105.0	104.2	103.7	104.0	105.2	107.7	110.7	103.2
Finance, Insurance & Real Estate	156.2	155.8	155.7	156.5	157.3	160.1	161.7	161.7	158.8	158.7	158.6	158.6	158.3
Banking	45.3	45.3	45.6	45.7	46.0	46.9	47.4	47.4	46.5	46.7	47.0	47.2	47.6
Insurance agents & carriers	65.4	65.2	65.0	65.0	64.9	65.3	65.8	65.7	65.1	65.6	65.6	65.5	65.8
Other fin., insur. & real estate	45.5	45.3	45.1	45.8	46.4	47.9	48.5	48.6	47.2	46.4	46.0	45.9	44.9
Services	613.9	616.4	627.0	638.9	647.3	665.5	674.1	672.7	657.2	650.3	646.7	643.4	637.0
Medical & other health services	170.5	171.4	171.9	171.7	171.9	173.8	174.3	174.3	173.7	174.4	175.0	175.3	175.9
Hospitals	97.5	97.8	98.2	97.8	97.8	99.1	99.8	100.0	99.5	100.2	100.8	101.0	101.2
Educational services	41.1	42.1	42.6	42.9	42.7	41.7	39.8	39.0	41.5	44.8	45.1	45.1	44.1
Other services	402.3	402.9	412.5	424.3	432.7	450.0	460.0	459.4	442.0	431.1	426.6	423.0	417.0
Government	522.0	523.5	525.3	523.0	521.2	523.0	523.5	516.4	500.2	516.1	523.2	523.4	515.0
Federal	72.5	72.2	72.0	72.2	71.7	72.3	72.8	72.2	71.4	71.7	72.0	72.4	72.1
State	99.8	101.5	101.8	101.5	101.6	101.2	100.6	101.6	103.4	106.3	106.5	106.0	102.1
Local	349.7	349.8	351.5	349.3	347.9	349.5	350.1	342.6	325.4	338.1	344.7	345.0	340.8

NOTE: Nonagricultural wage and salary workers include civilians on nonfarm establishment payrolls who worked or received pay for any part of the pay period including the 12th of the month. It excludes proprietors, self-employed, unpaid family workers, and domestics in private households.

AVERAGE WEEKLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

	1981 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	1982 Jan
TOTAL MANUFACTURING	314.98	314.57	317.34	316.71	319.90	321.91	318.79	320.74	326.42	328.44	328.84	336.19	329.57
Durable Goods	327.51	324.66	328.27	324.77	327.22	331.27	327.24	329.26	339.07	340.31	339.08	347.36	334.80
Lumber & Wood Products	182.47	187.62	190.90	203.68	195.22	202.19	191.08	194.30	202.80	207.47	195.82	197.21	190.26
Furniture & Fixtures	218.24	214.98	215.62	218.37	217.63	225.22	223.38	222.27	233.17	249.31	237.44	236.74	233.97
Stone, Clay & Glass Products	336.94	339.78	334.53	345.69	353.62	378.00	346.83	359.52	358.20	353.87	362.88	368.05	358.97
Glass & glassware/pressed,blown	352.66	351.35	343.36	375.76	368.08	369.73	358.26	371.95	379.26	377.15	378.85	390.28	376.09
Pottery & related products	278.26	293.72	280.01	273.78	275.94	274.43	284.16	283.32	256.04	277.84	280.49	285.22	282.80
Primary Metal Industries	349.33	322.79	352.13	333.06	340.77	341.20	342.86	354.12	359.72	362.82	368.08	365.69	343.20
Blast furn. & basic steel prod.	395.84	420.83	449.82	425.85	443.98	412.97	432.06	456.63	453.28	438.75	442.27	462.43	399.61
Iron & Steel foundries	322.15	330.31	333.08	307.69	305.95	328.19	318.28	315.84	326.80	353.92	356.29	343.57	290.04
Primary & secondary nonfer. met	480.81	437.42	447.02	452.92	452.66	446.83	446.83	501.56	475.35	475.23	475.23	484.09	484.09
Nonfer rolling & drawing metals	317.62	324.80	320.81	296.96	309.40	306.60	306.16	311.87	325.75	329.59	336.42	332.88	320.54
Fabricated Metals, incl. Ordnance	319.06	320.66	324.31	319.98	324.36	330.05	324.42	327.24	331.29	332.91	330.86	336.59	315.21
Metal cans*	347.85	360.59	339.50	350.95	348.80	343.20	334.14	365.71	375.44	344.54	372.11	375.66	373.32
Cutlery, hand tools & hardware	381.74	386.90	416.15	397.60	405.49	417.18	421.25	417.96	394.74	411.34	403.65	404.56	376.48
Fabricated struct. metal prod.	305.31	301.04	305.16	301.45	315.21	317.34	311.55	299.92	316.80	327.61	324.79	324.34	286.94
Metal Stampings	295.81	292.43	299.65	303.79	308.90	319.20	309.67	313.56	311.85	312.42	315.12	316.26	324.32
Machinery, Except Electrical	374.82	370.35	383.49	376.97	380.64	378.07	370.87	376.89	386.78	396.48	405.03	428.46	408.11
Construction & related machinery	390.86	400.79	411.51	402.17	391.64	405.01	377.95	400.93	390.29	428.67	428.47	467.14	429.57
Metalworking machinery	351.74	353.07	363.15	359.93	368.94	373.67	359.84	353.18	366.66	373.51	385.28	396.39	391.78
Special industry machinery	391.39	380.75	392.93	390.47	393.62	391.35	377.10	356.54	386.73	392.50	406.33	425.41	435.24
General industry machinery	430.29	423.29	432.00	413.51	419.83	428.86	425.14	432.14	447.28	450.43	448.37	517.73	425.46
Service industry machinery*	262.20	255.87	288.88	299.25	305.10	296.80	294.81	288.70	300.69	309.27	297.83	301.34	316.76
Electrical Equipment & Supplies	289.17	283.20	285.19	283.51	286.31	293.22	291.93	300.29	301.10	305.72	302.65	310.95	302.44
Elec. test & distribution equip.	280.15	259.37	268.75	265.65	272.55	271.88	274.66	275.84	279.84	298.79	314.42	310.91	277.14
Electrical industrial apparatus	260.95	272.54	272.02	258.02	258.02	260.30	241.49	259.18	247.44	251.85	260.25	259.55	232.77
Elec. lighting & wiring equip.	237.60	237.80	237.79	233.24	237.73	245.62	239.07	239.95	246.88	247.27	242.55	244.53	254.29
Radio & TV receiving equipment	217.26	206.31	213.62	222.22	203.96	231.26	235.41	240.53	224.40	236.47	257.36	265.78	267.13
Communication equipment	378.83	365.93	368.94	374.52	377.11	382.37	388.51	407.53	413.91	418.30	388.74	408.90	392.54
Electronic components & access.	250.04	251.72	254.82	248.69	250.58	259.12	256.10	260.80	258.72	255.69	260.68	264.99	267.54
Transportation Equipment	485.76	479.60	471.71	457.13	449.60	459.53	454.98	446.22	523.88	481.64	446.82	454.10	449.28
Motor vehicles & equipment	513.32	518.43	501.38	482.89	474.21	482.72	476.95	477.12	560.81	500.20	460.20	474.77	484.38
Aircraft & parts*	427.60	437.00	443.99	444.82	467.05	482.28	496.64	463.14	470.82	496.13	472.85	492.51	466.93
Ship & boat building & repairing	398.82	315.27	328.41	348.84	314.84	337.42	312.76	335.54	361.95	380.24	382.08	348.94	289.38
Instruments & Related Products	335.07	339.10	338.98	337.98	342.24	346.80	340.70	343.21	346.11	348.18	351.12	357.81	347.56
Miscellaneous Mfg. Industries	244.11	233.01	241.40	240.37	240.56	244.21	249.38	247.78	240.24	247.85	250.72	251.29	253.49
Nondurable Goods	302.25	304.62	307.34	308.33	311.85	313.07	310.42	312.66	314.74	316.71	319.09	326.38	324.77
Food & Kindred Products	321.12	333.63	328.39	330.42	336.15	330.08	326.83	332.51	345.68	352.70	359.48	362.92	361.32
Canned, cured & frozen food	288.81	297.93	294.35	281.47	280.21	276.53	283.42	272.55	274.89	298.74	343.42	334.61	323.97
Grain mill & bakery products	283.46	280.09	301.33	291.33	285.38	281.36	275.77	280.70	293.54	289.12	292.82	300.44	310.25
Beverages	351.70	398.52	382.34	390.60	434.28	435.51	432.73	417.02	473.10	508.29	477.06	447.75	475.94
Textile Mill Products	261.81	266.05	271.79	266.90	271.55	278.20	265.03	276.27	264.50	278.10	278.97	280.57	272.16
Textile finishing, except wool	355.42	368.16	362.71	357.49	348.38	362.04	342.11	355.89	330.57	356.45	369.08	371.01	354.86
Apparel & other Textile Products	177.14	178.52	178.54	174.30	181.07	182.82	181.90	186.37	182.48	185.83	189.04	188.67	187.14
Men's & boys' suits & coats*	209.76	207.72	201.60	182.93	189.26	208.66	203.70	220.02	215.27	225.81	221.76	233.83	209.38
Men's & boys' furnishings	168.48	169.16	174.92	183.74	183.18	180.64	183.75	182.67	187.96	192.02	199.95	206.17	193.39
Women's & misses' outerwear	168.11	167.69	166.86	163.71	172.45	172.99	173.33	177.23	183.93	174.90	177.00	172.31	178.08
Women's & children's undergarm.	174.38	180.92	177.26	176.58	179.56	178.41	174.49	182.27	174.35	183.29	191.39	190.74	174.64
Paper & Allied Products	334.23	332.58	341.42	336.00	346.96	335.03	344.08	340.92	345.79	352.64	352.51	348.99	349.89
Paper/p'b'rd mills ex bldg.pap.	440.35	443.83	471.75	457.84	457.78	435.50	423.85	441.52	443.07	446.67	426.06	400.43	433.37
Paperboard containers & boxes	307.99	311.85	312.31	317.63	318.31	328.54	313.95	307.05	310.40	313.09	317.82	321.43	319.68
Printing & Publishing	281.62	279.70	288.35	286.38	281.69	290.60	298.13	297.38	298.40	306.82	306.15	325.96	306.98
Newspapers*	283.47	284.99	276.25	279.29	278.32	281.33	280.48	281.33	291.82	296.25	294.59	301.95	294.19
Commercial printing	288.77	286.38	311.08	306.56	282.39	300.46	317.44	309.75	300.40	315.59	312.44	339.05	310.71
Chemicals & Allied Products	383.13	383.96	389.62	397.93	401.45	399.17	395.17	402.12	406.35	401.63	403.09	408.21	412.37
Industrial inorganic chemicals	420.33	416.56	421.23	412.38	434.63	431.04	415.81	426.36	438.51	439.76	409.08	418.06	444.89
Plastic materials & synthetics	395.25	389.23	384.93	407.75	410.22	400.45	388.52	398.66	411.32	385.84	400.81	399.25	385.01
Drugs	395.05	398.17	397.67	398.07	406.85	405.29	412.90	406.69	417.41	415.58	423.55	422.58	429.00
Soaps, cleaners & toilet goods	290.68	278.51	293.28	288.73	289.91	291.41	284.25	287.25	286.52	282.73	279.75	297.42	305.33
Industrial organic chemicals	438.05	445.65	458.24	494.75	485.10	478.38	471.52	482.57	486.18	487.28	495.70	490.18	485.97
Paints & allied products	426.30	438.04	456.97	461.28	480.69	464.17	456.00	477.22	497.80	484.21	462.67	490.04	505.97
Petroleum & Coal Products	541.17	531.10	531.79	562.41	555.08	556.54	546.31	545.15	568.71	539.22	549.90	546.38	597.04
Petroleum refining	590.09	577.28	577.28	611.55	603.00	606.50	594.44	594.00	621.98	582.96	591.78	588.56	648.81
Rubber & Plastic Products, NEC	251.03	255.82	256.66	251.47	259.53	261.35	254.23	255.27	253.68	260.07	262.92	267.65	255.08
Rubber & rubber products	266.09	261.49	266.74	270.10	270.25	267.73	253.99	257.18	253.50	260.94	263.52	268.50	252.38
Miscellaneous plastic products	247.20	254.20	254.41	247.23	256.88	259.34	254.56	254.56	253.89	259.97	263.11	267.49	256.11
Leather & Leather Products	185.13	186.63	193.80	183.15	193.66	198.74	190.25	190.38	193.22	196.26	197.47	199.70	189.00

Weekly earnings are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors.
* Data from 1980 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjusted)

	1981 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	1982 Jan
TOTAL MANUFACTURING	40.8	40.8	41.0	40.5	40.7	40.8	40.2	40.6	40.6	40.8	40.9	41.2	39.9
Durable Goods	41.3	41.2	41.5	40.8	40.8	41.1	40.5	40.7	41.0	41.1	41.1	41.6	40.0
Lumber & Wood Products	32.7	32.8	33.2	33.5	32.7	33.2	31.9	31.8	33.3	33.9	32.8	33.2	31.5
Furniture & Fixtures	35.2	35.3	36.3	36.7	36.7	37.6	36.8	36.8	38.1	39.2	37.1	37.4	36.5
Stone, Clay & Glass Products	41.7	42.0	41.3	41.7	41.7	41.8	40.9	42.0	41.7	41.1	42.0	42.5	40.7
Glass & Glassware/pressed, blown	43.7	43.7	42.6	44.0	42.9	42.7	42.0	43.2	44.1	43.5	43.1	44.4	42.4
Pottery & related products	37.2	38.8	38.2	37.3	36.5	36.3	37.0	36.7	34.6	34.6	34.8	35.3	35.0
Primary Metal Industries	44.5	44.4	44.8	42.7	43.3	43.3	43.4	44.1	44.3	44.3	44.4	43.9	41.3
Blast furn. & basic steel prod.	42.2	43.7	47.3	45.4	46.2	43.7	45.1	46.5	46.3	45.0	44.9	46.9	41.8
Iron & steel foundries	43.3	44.1	44.0	41.3	41.4	42.9	42.1	42.0	43.0	44.8	45.1	43.6	36.3
Primary & secondary nonfer. met.	46.5	42.8	43.4	43.3	43.4	42.8	42.8	46.7	45.1	43.4	43.4	43.3	43.3
Nonfer. rolling & drawing metals	45.7	46.4	45.7	43.1	44.2	43.8	43.8	44.3	44.2	44.3	44.5	43.8	42.4
Fabricated Metals, incl. Ordnance	40.8	40.9	41.0	40.3	40.8	41.0	40.3	40.4	40.5	40.5	40.3	40.7	38.3
Metal cans*	39.8	41.4	38.8	39.7	40.0	39.0	38.1	40.1	40.5	38.8	41.3	40.7	40.8
Cutlery, hand tools & hardware	39.6	39.2	40.6	39.8	41.0	40.7	40.7	41.3	39.2	39.4	39.0	38.9	36.2
Fabricated struct. metal prod.	40.6	40.3	40.1	39.2	40.4	41.0	40.2	38.9	40.0	40.9	40.7	40.9	36.6
Metal Stampings	39.6	39.2	39.9	39.3	39.4	39.9	39.1	39.0	38.5	39.2	39.0	38.9	39.6
Machinery, Except Electrical	42.4	41.8	42.8	41.7	41.6	41.5	40.8	41.1	41.5	42.0	42.5	43.9	41.9
Construction & related machinery	41.1	42.1	43.0	40.5	39.4	40.1	37.2	38.7	37.1	40.1	39.6	42.7	38.7
Metalworking machinery	43.0	42.9	43.7	42.9	42.8	43.4	41.6	41.6	42.0	42.3	43.0	43.8	42.4
Special industry machinery	46.1	44.9	46.5	46.1	45.4	45.4	43.9	41.7	43.6	44.3	45.4	46.8	46.6
General industry machinery	42.9	42.8	42.9	40.5	41.2	41.0	40.8	41.0	41.3	41.9	42.1	46.6	40.1
Service industry machinery*	35.1	33.8	36.8	37.5	37.9	37.1	37.7	37.3	38.9	39.0	37.7	38.0	37.8
Electrical Equipment & Supplies	40.5	40.4	40.8	40.1	40.1	40.5	40.1	40.2	40.2	40.6	40.3	40.7	39.9
Elec. test & distribution equip.	43.3	41.7	43.0	42.1	43.4	43.5	44.3	43.1	44.0	44.2	45.7	44.8	40.4
Electrical industrial apparatus	39.3	40.8	40.6	38.8	38.0	37.4	35.1	37.4	35.5	36.5	36.5	36.3	33.3
Electric lighting & wiring equip	39.6	39.9	40.1	39.2	39.1	40.2	39.0	39.4	39.5	39.5	38.5	39.0	40.3
Radio & TV receiving equipment	34.0	32.8	33.8	34.4	35.1	35.2	35.4	35.9	34.0	35.4	38.7	39.2	39.4
Communication equipment	43.0	42.5	42.8	42.9	43.0	43.5	43.8	43.4	43.8	44.5	42.3	43.5	42.3
Electronic components & access.	40.2	40.6	41.1	39.6	39.4	39.5	39.4	39.1	39.2	38.8	39.2	39.2	39.0
Transportation Equipment	44.2	43.6	43.0	41.9	41.4	41.7	41.1	40.9	44.7	41.7	40.4	40.4	39.0
Motor vehicles & equipment	44.1	44.5	43.0	41.7	41.2	41.4	40.8	40.4	45.3	41.0	39.3	39.4	39.0
Aircraft & parts*	48.6	50.0	50.8	49.7	51.1	50.5	51.2	48.7	49.3	51.2	49.0	49.9	47.5
Ship & boat building & repairing	41.5	33.9	36.9	38.0	35.9	37.7	35.3	37.2	37.9	39.2	39.8	37.4	31.8
Instruments & Related Products	42.2	42.6	42.8	42.3	42.2	42.5	41.6	41.4	41.5	42.0	41.9	42.8	41.8
Miscellaneous Mfg. Industries	39.5	38.9	40.1	39.6	39.5	40.1	39.9	39.9	39.0	40.3	40.9	40.4	39.3
Nondurable Goods	40.3	40.4	40.6	40.2	40.5	40.5	39.9	40.5	40.3	40.5	40.7	40.9	39.8
Food & Kindred Products	40.7	41.6	41.1	41.2	41.5	40.5	40.3	41.0	41.3	41.3	41.8	42.2	41.2
Canned, cured & frozen foods	41.2	42.5	41.4	39.7	39.3	38.3	39.2	39.5	38.5	40.7	44.6	43.4	39.8
Grain mill & bakery products	41.2	40.3	42.5	42.1	41.3	40.6	40.2	40.8	40.6	40.1	40.5	41.1	41.7
Beverages	33.4	36.0	35.6	36.1	40.1	39.7	39.7	38.4	41.5	41.8	39.2	38.8	41.1
Textile Mill Products	41.1	41.7	42.6	41.9	42.1	42.8	40.9	42.7	41.2	42.2	41.7	41.2	39.5
Textile finishing, except wool	46.4	48.0	47.6	47.1	45.6	47.7	44.2	46.4	43.9	44.5	44.9	44.7	42.6
Apparel & Other Textile Products	34.0	34.2	34.6	33.2	34.1	34.3	34.0	34.9	34.3	34.8	35.4	35.2	34.4
Men's and boys' suits & coats*	36.8	36.7	36.0	33.2	32.8	36.1	35.8	38.6	37.7	39.0	38.3	39.7	36.1
Men's & boys' furnishings	33.1	33.3	33.9	35.2	35.5	36.2	36.1	36.1	37.0	38.1	38.6	38.9	38.6
Women's & misses' outerwear	31.6	31.7	32.4	30.6	31.7	31.8	31.4	32.4	33.2	31.8	32.3	31.5	31.8
Women's & children's undergarm.	33.6	34.2	33.7	32.7	33.5	33.1	31.9	33.2	31.7	32.1	34.3	34.0	30.8
Paper & Allied Products	46.1	46.0	46.2	45.1	46.2	46.9	46.0	45.7	45.8	46.4	45.9	45.5	44.8
Paper/p'b'rd mills ex bldg. pap.	52.8	52.9	54.1	53.8	52.8	51.6	50.7	51.7	51.4	50.7	49.6	47.5	50.1
Paperboard containers & boxes	45.9	46.2	46.2	46.1	45.8	46.8	45.5	44.5	43.3	44.6	44.7	45.4	44.4
Printing & Publishing	37.3	36.9	37.4	37.0	36.3	36.6	37.5	37.5	37.3	38.4	39.0	39.8	37.3
Newspapers*	33.0	33.1	32.5	32.4	32.4	32.3	32.5	32.3	32.9	33.1	33.4	33.0	32.4
Commercial printing	37.6	37.0	38.5	37.8	35.7	36.2	38.2	37.5	36.5	38.3	39.4	40.8	37.3
Chemicals & Allied Products	43.0	42.9	43.1	43.3	43.4	43.2	42.4	43.1	43.0	42.5	42.7	42.7	42.6
Industrial inorganic chemicals	45.1	44.6	44.2	43.5	44.9	44.9	43.0	44.0	44.7	44.6	42.0	42.4	44.4
Plastic materials & synthetics	45.8	45.9	45.5	46.6	46.3	45.3	43.9	45.2	45.3	42.4	43.9	42.7	40.4
Drugs	43.7	43.9	43.7	43.6	43.7	43.3	43.1	42.9	43.3	43.2	43.8	43.7	42.9
Soaps, cleaners & toilet goods	38.5	38.1	39.0	38.6	38.5	38.7	37.5	38.3	37.9	37.3	37.3	37.6	38.6
Industrial organic chemicals	43.5	43.1	43.6	45.1	45.0	44.5	43.7	44.6	44.4	44.5	44.9	44.4	43.9
Paints and allied products	46.8	46.6	47.9	47.9	49.1	48.1	47.5	48.4	48.9	47.8	47.6	49.7	49.8
Petroleum & Coal Products	45.4	42.9	43.2	44.6	44.3	44.1	43.6	43.3	44.5	41.8	42.3	41.9	43.9
Petroleum refining	46.5	43.7	43.7	45.3	44.7	44.4	44.0	44.0	45.4	42.0	42.3	42.1	44.9
Rubber & Plastic Products, NEC	40.1	40.8	41.0	40.3	41.0	40.9	39.6	40.2	39.7	40.7	40.7	40.8	38.3
Rubber and rubber products	40.5	39.8	40.6	40.8	40.7	39.9	38.6	38.5	37.5	38.6	37.7	37.5	35.2
Miscellaneous plastic products	40.0	41.0	41.1	40.2	41.1	41.1	39.9	40.6	40.3	41.2	41.5	41.6	39.1
Leather & Leather Products	37.4	37.4	38.3	37.0	38.5	39.2	37.9	38.0	38.8	40.3	40.8	40.1	37.5

Average hours worked or paid for are affected by labor turnover, changes in overtime hours, and part-time employment.

* Data from 1980 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

AVERAGE HOURLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY
(Not seasonally adjuted)

	1981 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	1982 Jan
TOTAL MANUFACTURING	7.72	7.71	7.74	7.82	7.86	7.89	7.93	7.90	8.04	8.05	8.04	8.16	8.26
Durable Goods	7.93	7.88	7.91	7.96	8.02	8.06	8.08	8.09	8.27	8.28	8.25	8.35	8.37
Lumber & Wood Products	5.58	5.72	5.75	6.08	5.97	6.09	5.99	6.11	6.09	6.12	5.97	5.94	6.04
Furniture & Fixtures	6.20	6.09	5.94	5.95	5.93	5.99	6.07	6.04	6.12	6.36	6.40	6.33	6.41
Stone, Clay & Glass Products	8.08	8.09	8.10	8.29	8.48	8.50	8.48	8.56	8.59	8.61	8.64	8.66	8.82
Glass & glassware/pressed, blown	8.07	8.04	8.06	8.54	8.58	8.66	8.53	8.61	8.60	8.67	8.79	8.79	8.87
Pottery & related products	7.48	7.57	7.33	7.34	7.56	7.56	7.68	7.72	7.40	8.03	8.06	8.08	8.08
Primary Metal Industries	7.85	7.27	7.86	7.80	7.87	7.88	7.90	8.03	8.12	8.19	8.29	8.03	8.31
Blast Furn. & Basic Steel prod.	9.38	9.63	9.51	9.38	9.61	9.45	9.58	9.82	9.79	9.75	9.85	9.86	9.56
Iron and Iron foundries	7.44	7.49	7.57	7.45	7.39	7.65	7.56	7.52	7.60	7.90	7.90	7.88	7.99
Primary & secondary nonfer. met.	10.34	10.22	10.30	10.46	10.43	10.44	10.44	10.74	10.54	10.95	10.95	11.18	11.18
Nonfer. rolling & drawing metals	6.95	7.00	7.02	6.89	7.00	7.00	6.99	7.04	7.37	7.44	7.56	7.60	7.56
Fabricated Metals, incl. Ordnance	7.82	7.84	7.91	7.94	7.95	8.05	8.05	8.10	8.18	8.22	8.21	8.27	8.23
Metal cans*	8.74	8.71	8.75	8.84	8.72	8.80	8.77	9.12	9.27	8.88	9.01	9.23	9.15
Cutlery, hand tools & hardware	9.64	9.87	10.25	9.99	9.89	10.25	10.35	10.12	10.07	10.44	10.35	10.40	10.40
Fabricated struct. metal prod.	7.52	7.47	7.61	7.69	7.80	7.74	7.75	7.71	7.92	8.01	7.98	7.93	7.84
Metal stampings	7.47	7.46	7.51	7.73	7.83	8.00	7.92	8.04	8.10	7.97	8.08	8.13	8.19
Machinery, Except Electrical	8.84	8.86	8.96	9.04	9.15	9.11	9.09	9.17	9.32	9.44	9.53	9.76	9.74
Construction & related machinery	9.51	9.52	9.57	9.93	9.94	10.10	10.16	10.36	10.52	10.69	10.82	10.94	11.10
Metalworking machinery	8.18	8.23	8.31	8.39	8.62	8.61	8.65	8.49	8.73	8.83	8.96	9.05	9.24
Special industry machinery	8.49	8.48	8.45	8.47	8.67	8.62	8.59	8.55	8.87	8.86	8.95	9.09	9.34
General industry machinery	10.03	9.89	10.07	10.21	10.19	10.46	10.42	10.54	10.83	10.75	10.65	11.11	10.61
Service industry machinery*	7.47	7.57	7.85	7.98	8.05	8.00	7.82	7.74	7.73	7.93	7.90	7.93	8.38
Electrical Equipment & Supplies	7.14	7.01	6.99	7.07	7.14	7.24	7.28	7.47	7.49	7.53	7.51	7.64	7.58
Elec. test & distribution equip.	6.47	6.22	6.25	6.31	6.28	6.25	6.20	6.40	6.36	6.76	6.88	6.94	6.86
Electrical industrial apparatus	6.64	6.68	6.70	6.65	6.79	6.96	6.88	6.93	6.97	6.90	7.13	7.15	6.99
Elec. lighting & wiring equip.	6.00	5.96	5.93	5.95	6.08	6.11	6.13	6.09	6.25	6.26	6.30	6.27	6.31
Radio & TV receiving equipment	6.39	6.29	6.32	6.46	6.58	6.57	6.65	6.70	6.60	6.68	6.65	6.78	6.78
Communication equipment	8.81	8.61	8.62	8.73	8.77	8.79	8.87	9.39	9.45	9.40	9.19	9.40	9.28
Electric components & access.	6.22	6.20	6.20	6.28	6.36	6.56	6.50	6.67	6.60	6.59	6.65	6.76	6.86
Transportation Equipment	10.99	11.00	10.97	10.91	10.86	11.02	11.07	10.91	11.72	11.55	11.06	11.24	11.52
Motor vehicles & equipment	11.64	11.65	11.66	11.58	11.51	11.66	11.69	11.81	12.38	12.20	11.71	12.05	12.42
Aircraft & parts*	8.80	8.74	8.74	8.95	9.14	9.55	9.70	9.51	9.55	9.69	9.65	9.87	9.83
Ship & boat building & repairing	9.61	9.30	8.90	9.18	8.77	8.95	8.86	9.02	9.55	9.70	9.60	9.33	9.10
Instruments & Related Products	7.94	7.96	7.92	7.99	8.11	8.16	8.19	8.29	8.34	8.29	8.38	8.36	8.31
Miscellaneous Mfg. Industries	6.18	5.99	6.02	6.07	6.09	6.09	6.25	6.21	6.16	6.15	6.13	6.22	6.45
Nondurable Goods	7.50	7.54	7.57	7.67	7.70	7.73	7.78	7.72	7.81	7.82	7.84	7.98	8.16
Food & Kindred Products	7.89	8.02	7.99	8.02	8.10	8.15	8.11	8.11	8.37	8.54	8.60	8.60	8.77
Canned, cured & frozen foods	7.01	7.01	7.11	7.09	7.13	7.22	7.23	6.90	7.14	7.34	7.70	7.71	8.14
Grain mill & bakery products	6.88	6.95	7.09	6.92	6.91	6.93	6.86	6.88	7.23	7.21	7.23	7.31	7.44
Beverages	10.53	11.07	10.74	10.82	10.83	10.97	10.90	10.86	11.40	12.16	12.17	11.54	11.58
Textile Mill Products	6.37	6.38	6.38	6.37	6.45	6.50	6.48	6.47	6.42	6.59	6.69	6.81	6.89
Textile finishing, except wool	7.66	7.67	7.62	7.59	7.64	7.59	7.74	7.67	7.53	8.01	8.22	8.30	8.33
Apparel & Other Textile Products	5.21	5.22	5.16	5.25	5.31	5.33	5.35	5.34	5.32	5.34	5.34	5.36	5.44
Men's and boys' suits & coats*	5.70	5.66	5.60	5.51	5.77	5.78	5.69	5.70	5.71	5.79	5.79	5.89	5.80
Men's & boys' furnishings	5.09	5.08	5.16	5.22	5.16	4.99	5.09	5.06	5.08	5.04	5.18	5.30	5.01
Women"s & misses' outerwear	5.32	5.29	5.15	5.35	5.44	5.44	5.52	5.47	5.54	5.50	5.48	5.47	5.60
Women's & children's undergarm.	5.19	5.29	5.26	5.40	5.36	5.39	5.47	5.49	5.50	5.71	5.58	5.61	5.67
Paper & Allied Products	7.25	7.23	7.39	7.45	7.51	7.57	7.48	7.46	7.55	7.60	7.68	7.67	7.81
Paper/p'b'd mills ex bldg. pap.	8.34	8.39	8.72	8.51	8.67	8.44	8.36	8.54	8.62	8.81	8.51	8.43	8.65
Paperboard containers & boxes	6.71	6.75	6.76	6.89	6.95	7.02	6.90	6.90	67.03	7.02	7.11	7.08	7.20
Printing & Publishing	7.55	7.58	7.71	7.74	7.76	7.94	7.95	7.93	8.00	7.99	7.85	8.19	8.23
Newspapers*	8.59	8.61	8.50	8.62	8.59	8.71	8.63	8.71	8.87	8.95	8.82	9.15	9.08
Commercial printing	7.68	7.74	8.08	8.11	7.91	8.30	8.31	8.26	8.23	8.24	7.93	8.31	8.33
Chemicals & Allied Products	8.91	8.95	9.04	9.19	9.25	9.24	9.32	9.33	9.45	9.45	9.44	9.56	9.68
Industrial inorganic chemicals	9.32	9.34	9.53	9.48	9.68	9.60	9.67	9.69	9.81	9.86	9.74	9.86	10.02
Plastic materials & synthetics	8.63	8.48	8.46	8.75	8.86	8.84	8.85	8.82	9.08	9.10	9.13	9.35	9.53
Drugs	9.04	9.07	9.10	9.13	9.31	9.36	9.58	9.48	9.64	9.62	9.67	9.67	10.00
Soaps, cleaners & toilet goods	7.55	7.31	7.52	7.48	7.53	7.53	7.58	7.50	7.56	7.58	7.50	7.91	7.91
Industrial organic chemicals	9.80	10.34	10.51	10.97	10.78	10.75	10.79	10.82	10.95	10.95	11.04	11.04	11.07
Paints & allied products	9.36	9.40	9.54	9.63	9.79	9.65	9.60	9.86	10.18	10.13	9.72	9.86	10.16
Petroleum & Coal Products	11.92	12.38	12.31	12.61	12.53	12.62	12.53	12.59	12.78	12.90	13.00	13.04	13.60
Petroleum refining	12.69	13.21	13.21	13.50	13.49	13.66	13.51	13.50	13.70	13.88	13.99	13.98	14.45
Rubber & Plastic Products, NEC	6.26	6.27	6.26	6.24	6.33	6.39	6.42	6.35	6.39	6.39	6.46	6.56	6.66
Rubber & rubber products	6.57	6.57	6.57	6.62	6.64	6.71	6.58	6.68	6.76	6.76	6.99	7.16	7.17
Miscellaneous plastic products	6.18	6.20	6.19	6.15	6.25	6.31	6.38	6.27	6.30	6.31	6.34	6.43	6.55
Leather & Leather Products	4.95	4.99	5.06	4.95	5.03	5.07	5.02	5.01	4.98	4.87	4.84	4.98	5.04

Hourly earnings include paid holidays, vacation, and sick leave. They are affected by changes in work force composition and in wage rates. Data from 1980 forward are not comparable with earlier estimates because of significant differences between original and revised estimates.

LABOR TURNOVER RATES PER 100 WORKERS FOR SELECTED NEW JERSEY MANUFACTURING INDUSTRIES
(Not seasonally adjusted)

	1980	1981											
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ACCESSION RATE, ALL MANUFACTURING	2.1	3.6	3.0	3.4	3.3	3.3	4.0	3.4	4.3	3.9	2.8	2.5	1.8
Durable Goods	2.0	3.5	2.8	3.1	3.0	2.8	3.5	2.8	3.6	4.0	2.4	2.2	1.5
Stone, Clay & Glass Products	1.7	3.5	2.6	3.1	3.7	3.9	3.8	3.1	3.6	2.6	2.4	1.8	1.3
Primary Metals Industries	2.1	3.1	2.5	2.1	2.6	2.1	2.2	2.7	4.0	2.3	1.8	1.6	1.7
Fabricated Metals, incl.Ordnance	1.8	3.6	3.2	3.5	2.9	3.0	3.9	3.1	4.3	3.4	2.8	1.9	1.8
Machinery, Except Electrical	1.4	3.4	1.9	1.9	1.8	1.8	2.4	1.6	1.8	1.8	1.6	1.3	0.8
Electrical Equipment & Supplies	1.8	3.3	2.6	2.3	2.3	2.5	3.4	2.5	3.5	2.6	2.6	2.0	1.5
Transportation Equipment	3.1	3.1	3.7	4.3	3.0	2.8	3.0	2.5	3.7	29.1	1.7	2.2	1.1
Instruments & Related Products	2.3	3.0	2.4	2.4	2.5	2.3	2.9	2.8	3.0	2.3	1.9	3.9	1.8
Miscellaneous Mfg. Industries	3.4	5.2	5.3	8.7	8.1	5.6	6.2	5.7	6.2	4.9	3.0	4.7	1.7
Nondurable Goods	2.2	3.7	3.1	3.7	3.6	3.8	4.6	3.9	4.9	3.8	3.3	2.8	2.0
Food & Kindred Products	3.1	3.2	2.8	3.7	4.0	4.8	6.3	5.7	7.0	4.1	3.1	3.6	2.5
Textile Mill Products	2.0	5.1	3.9	7.0	4.0	5.3	3.7	3.5	4.9	7.0	3.3	3.3	1.8
Apparel & Other Textile Products	3.1	7.2	6.0	6.2	7.4	7.2	7.1	7.8	10.6	5.0	4.9	5.3	4.2
Paper & Allied Products	1.4	2.9	2.5	2.0	3.3	3.3	3.9	3.5	3.8	2.4	2.1	2.4	1.4
Printing & Publishing	3.7	3.3	3.2	4.5	3.7	3.9	5.0	4.2	4.0	4.2	5.1	3.8	2.5
Chemicals & Allied Products	1.0	1.9	1.5	1.7	1.6	1.7	2.9	1.7	2.0	2.0	1.6	1.2	1.0
Petroleum & Coal Products	0.6	1.0	1.4	1.3	0.9	1.6	2.5	1.2	0.8	1.1	1.6	0.6	0.4
Rubber & Plastic Products, NEC	2.9	5.2	4.5	5.0	4.2	4.8	4.8	4.8	6.2	5.9	4.7	2.5	1.8
Leather & Leather Products	3.4	12.5	10.2	9.4	6.6	6.0	7.2	4.8	11.6	10.2	6.9	3.9	2.6
NEW HIRE RATE, ALL MANUFACTURING	1.3	2.0	1.9	2.2	2.0	2.2	2.9	2.2	2.6	2.3	2.1	1.7	1.1
Durable Goods	1.2	1.9	1.8	2.1	2.0	2.1	2.6	1.9	2.3	2.0	1.8	1.6	0.9
Stone,Clay & Glass Products	0.8	1.3	1.0	1.3	1.5	1.9	3.0	2.2	2.3	1.6	1.2	1.0	0.6
Primary Metal Industries	1.2	1.9	2.0	1.7	1.7	1.7	1.6	1.3	1.4	1.6	1.2	1.0	0.6
Fabricated Metals, incl. Ordnance	0.9	1.8	1.8	2.0	2.1	1.9	2.5	1.9	2.6	2.1	1.9	1.2	0.8
Machinery, Except Electrical	1.2	1.8	1.7	1.8	1.5	1.5	2.1	1.2	1.5	1.3	1.5	1.1	0.7
Electrical Equipment & Supplies	1.2	1.7	1.7	1.9	1.8	1.9	2.5	1.6	2.4	2.1	2.0	1.4	1.0
Transportation Equipment	0.6	0.9	0.9	3.1	2.3	1.7	0.7	0.6	0.7	0.9	0.7	0.6	0.2
Instruments & Related Products	2.0	2.0	2.1	2.1	2.1	1.8	2.5	1.8	2.1	1.8	1.5	3.3	1.6
Miscellaneous Mfg. Industries	2.4	3.5	3.4	3.8	4.0	4.9	5.8	4.6	4.6	3.5	2.6	3.2	1.3
Nondurable Goods	1.4	2.1	2.0	2.3	2.0	2.4	3.2	2.4	2.9	2.7	2.4	1.8	1.2
Food & Kindred Products	1.2	1.1	1.1	1.5	1.6	2.0	2.8	2.3	3.0	2.1	1.1	1.3	1.1
Textile Mill Products	1.2	2.9	2.0	3.9	2.7	2.7	2.6	2.2	2.8	2.8	2.0	1.7	0.9
Apparel & Other Textile Products	1.3	3.2	3.0	2.9	2.5	3.1	3.8	3.1	4.2	3.3	3.3	3.3	1.9
Paper & Allied Products	1.0	1.6	2.1	1.2	1.2	2.4	3.3	2.5	3.0	2.1	1.5	1.3	1.2
Printing & Publishing	2.8	2.5	2.5	3.4	2.9	3.3	4.3	3.8	3.6	3.9	4.6	3.3	2.0
Chemicals & Allied Products	0.8	1.3	1.2	1.4	1.2	1.4	2.4	1.5	1.5	1.4	1.4	0.9	0.7
Petroleum & Coal Products	0.5	0.6	1.3	0.9	0.8	0.9	1.7	1.1	0.6	0.9	1.5	0.2	0.3
Rubber & Plastic Products, NEC	2.0	3.9	3.4	3.8	3.2	3.3	4.0	3.3	4.6	4.9	3.9	1.9	1.3
Leather & Leather Products	2.7	5.7	8.2	7.4	5.1	4.7	6.4	3.4	9.7	8.4	4.2	2.5	2.2
SEPARATION RATE, ALL MANUFACTURING	3.2	3.9	3.3	3.2	3.0	3.3	3.3	3.7	4.8	3.7	4.0	3.5	4.5
Durable Goods	2.9	3.7	3.3	2.7	2.5	3.0	3.2	3.9	5.3	3.4	3.9	3.4	4.1
Stone,Clay & Glass Products	3.1	4.1	3.9	4.5	2.8	2.7	2.8	3.7	4.3	4.4	4.9	2.8	4.4
Primary Metal Industries	2.5	2.8	2.4	1.9	2.0	1.9	4.3	5.2	2.2	3.8	3.3	3.3	3.1
Fabricated Metals, incl. Ordnance	3.1	3.5	4.0	2.8	2.3	2.6	2.9	3.6	4.8	4.0	4.1	4.4	6.4
Machinery, Except Electrical	2.5	2.8	2.6	2.0	2.4	2.2	2.1	2.2	3.2	2.0	3.6	1.7	2.0
Electrical Equipment & Supplies	2.1	3.8	2.8	2.3	2.7	3.1	3.1	4.1	3.5	3.2	3.0	2.7	3.2
Transportation Equipment	3.2	2.3	3.3	2.4	2.0	4.0	2.5	3.9	37.0	3.4	3.1	4.9	10.0
Instruments & Related Products	3.2	3.7	2.3	2.3	2.1	2.5	2.2	5.3	2.5	2.3	3.0	3.1	2.8
Miscellaneous Mfg. Industries	4.6	6.9	3.9	4.0	2.9	6.8	7.4	6.2	8.9	6.4	7.3	6.9	7.2
Nondurable Goods	3.5	4.0	3.3	3.6	3.4	3.6	3.4	5.7	4.1	4.0	4.0	3.7	4.9
Food & Kindred Products	4.2	4.1	3.9	3.6	4.7	4.7	5.0	6.3	4.0	7.7	4.9	3.1	6.1
Textile Mill Products	4.5	5.9	6.1	4.4	5.0	4.4	6.2	7.0	5.1	3.7	6.4	6.1	4.1
Apparel & Other Textile Products	8.4	7.6	7.1	8.0	5.3	5.2	4.1	16.5	4.9	4.6	6.3	7.5	14.6
Paper & Allied Products	1.8	3.3	2.1	3.7	2.0	2.8	2.6	3.8	4.2	3.6	3.4	2.9	2.6
Printing & Publishing	3.2	4.7	2.8	3.2	3.1	3.7	3.7	3.8	4.3	4.0	4.6	4.0	3.2
Chemicals & Allied Products	1.3	1.9	1.5	1.7	1.5	2.0	1.7	1.7	2.9	2.2	1.9	1.3	1.8
Petroleum & Coal Products	1.3	1.3	1.5	1.3	2.6	0.8	0.8	1.2	1.9	1.4	2.1	0.8	1.6
Rubber & Plastic Products, NEC	4.2	4.5	4.0	4.1	5.9	4.9	4.7	7.1	6.5	5.4	4.9	5.7	4.4
Leather & Leather Products	10.8	10.7	6.8	9.0	5.4	8.9	7.5	17.2	8.3	5.9	7.1	6.7	12.6
QUIT RATE, ALL MANUFACTURING	0.8	1.2	1.0	1.1	1.1	1.2	1.3	1.3	2.0	1.6	1.2	0.8	0.7
Durable Goods	0.7	1.1	1.0	1.0	1.0	1.2	1.3	1.1	2.0	1.4	1.0	0.7	0.6
Stone,Clay & Glass Products	0.7	0.8	0.7	0.9	0.8	0.9	1.1	1.1	1.9	1.4	0.9	0.5	0.4
Primary Metal Industries	0.5	0.7	0.5	0.7	0.8	0.8	0.6	0.7	1.1	1.0	0.7	0.6	0.4
Fabricated Metals, incl. Ordnance	0.7	1.0	1.0	1.0	1.0	1.0	0.9	1.0	2.1	1.3	1.0	0.5	0.5
Machinery, Except Electrical	0.6	1.2	0.9	1.1	0.9	0.9	1.2	1.0	1.3	1.1	1.1	0.7	0.5
Electrical Equipment & Supplies	0.7	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.8	1.4	1.1	0.7	0.6
Transportation Equipment	0.3	0.9	0.6	1.0	0.7	0.5	0.5	0.6	1.1	0.6	0.6	0.5	0.4
Instruments & Related Products	0.8	1.3	0.9	1.1	0.8	1.0	1.0	1.0	2.1	1.2	0.9	1.0	0.8
Miscellaneous Mfg. Industries	1.8	1.7	1.6	1.6	1.8	4.1	4.3	2.7	5.0	3.0	1.5	1.3	0.9
Nondurable Goods	0.8	1.2	1.1	1.1	1.2	1.2	1.4	1.4	2.1	1.8	1.3	0.9	0.8
Food & Kindred Products	0.4	0.6	0.7	0.5	0.8	0.9	1.3	1.4	1.4	1.6	0.7	0.8	0.7
Textile Mill Products	0.9	1.2	1.1	1.3	1.7	1.4	1.8	1.3	1.7	1.8	2.6	1.0	0.7
Apparel & Other Textile Products	0.7	1.6	1.5	1.4	1.1	1.4	1.4	1.5	1.8	1.7	1.6	1.0	1.1
Paper & Allied Products	0.5	1.0	0.8	1.4	1.0	1.0	1.1	1.2	2.3	2.0	0.9	0.7	0.7
Printing & Publishing	1.7	1.7	1.7	1.7	2.0	2.1	2.2	2.1	2.7	2.7	2.3	2.0	1.3
Chemicals & Allied Products	0.5	0.9	0.6	0.7	0.7	0.6	0.7	0.9	1.8	1.1	0.6	0.4	0.4
Petroleum & Coal Products	0.1	0.2	0.1	0.3	0.2	0.2	0.2	0.4	0.9	0.5	0.2	0.1	0.2
Rubber & Plastic Products, NEC	1.4	1.7	1.9	1.8	2.1	1.8	2.2	2.7	3.4	2.9	2.3	1.5	1.1
Leather & Leather Products	1.4	5.1	2.4	3.7	3.1	3.8	3.8	1.9	4.5	3.3	2.3	1.7	1.5

NEW JERSEY LABOR FORCE DATA
(thousands)

	Jan 1982	Dec 1981	Jan 1981	Net change from month ago	Net change from year ago
Civilian Labor Force	3,564	3,529	3,583	+35	-19
Total Employment	3,214	3,269	3,296	-55	-82
Total Unemployment	351	259	287	+92	+64
Seasonally adjusted unemployment total	335	270	272	+65	+63
Unemployment Rate	9.8	7.3	8.0	+ 2.5	+ 1.8
Seasonally adjusted unemployment rate	9.4	7.7	7.6	+ 1.7	+ 1.8

Note: Based on U.S. Bureau of Labor Statistics method.

UNEMPLOYMENT INSURANCE CLAIMS IN NEW JERSEY*

Program	Jan 1982	Dec 1981	Jan 1981	Net change from month ago	Net change from year ago
Regular State UI Program	172,717	136,366	164,210	+36,351	+ 8,507
Federal Employees' Program	1,017	984	1,815	+ 33	- 798
Veterans' Program	519	662	1,800	- 143	- 1,281
Extended Benefits[1]	15	13	36,585	+ 2	-36,570
TOTAL	174,268	138,025	204,410	+36,243	-30,142

[1] Provides 13 additional weeks of benefits to workers exhausting regular state UI benefits. Extended Benefits "triggered off" in June 1981. Current figures reflect claims that were initially denied but declared valid on appeal and paid retroactively.

CHARACTERISTICS OF THE NEW JERSEY INSURED UNEMPLOYED*
(Regular State UI Program only)
(thousands)

	Jan 1982	Dec 1981	Jan 1981	Net change from month ago	Net change from year ago
TOTAL INSURED UNEMPLOYED	172.7	136.4	164.2	+36.3	+8.5
Male	98.0	74.6	92.1	+23.4	+5.9
Female	74.8	61.8	72.1	+13.0	+2.7
White, not Hispanic	116.7	91.0	115.1	+25.7	+1.6
Black, not Hispanic	35.7	29.9	32.4	+ 5.8	+3.3
Hispanic	19.3	14.3	15.7	+ 5.0	+3.6
American Indian or Alaskan Native	0.2	0.2	0.3	0.0	-0.1
Asian or Pacific Islander	0.3	0.3	0.1	0.0	+0.2
INA	0.6	0.7	0.6	- 0.1	0.0
MANUFACTURING	67.5	50.7	59.8	+16.8	+7.7
Durable Goods	32.6	23.9	25.3	+ 8.7	+7.3
Fabricated metals, incl. ordn.	4.6	3.8	3.2	+ 0.8	+1.4
Machinery except electrical	3.1	2.6	3.8	+ 0.5	-0.7
Electrical machinery	4.7	4.1	4.1	+ 0.6	+0.6
Nondurable Goods	34.9	26.8	34.4	+ 8.1	+0.5
Food & kindred products	3.7	2.8	4.3	+ 0.9	-0.6
Textile mill products	2.2	2.0	2.0	+ 0.2	+0.2
Apparel & other textile products	16.0	10.3	14.6	+ 5.7	+1.4
Printing & publishing	2.0	2.2	2.6	- 0.2	-0.6
Chemicals & allied products	4.1	4.2	4.4	- 0.1	-0.3
Rubber & misc. plastic products	2.7	2.6	2.6	+ 0.1	+0.1
NONMANUFACTURING	102.0	82.9	100.2	+19.1	+1.8
Contract construction	18.9	10.0	20.8	+ 8.9	-1.9
Transportation & public utilities	7.1	6.0	8.3	+ 1.1	-1.2
Wholesale & retail trade	30.8	26.4	30.2	+ 4.4	+0.6
Finance, insurance, & real estate	4.8	4.7	3.4	+ 0.1	+1.4
Services	29.2	26.9	25.1	+ 2.3	+4.1
BY AGE OF CLAIMANT					
Under 25	36.3	34.0	34.0	+ 2.3	+2.3
25 through 34	53.0	41.1	47.7	+11.9	+5.3
35 through 44	30.6	21.7	30.6	+ 8.9	0.0
45 through 54	24.3	18.4	25.4	+ 5.9	-1.1
55 through 64	23.1	17.2	22.5	+ 5.9	+0.6
65 & over	5.4	3.8	4.1	+ 1.6	+1.3
BY DURATION OF UNEMPLOYMENT					
1 to 2 weeks	24.0	18.7	20.8	+ 5.3	+3.2
3 to 4 weeks	21.4	20.4	22.9	+ 1.0	-1.5
5 through 14 weeks	89.8	67.3	83.0	+22.5	+6.8
15 weeks & over	37.5	30.0	37.5	+ 7.5	0.0

*Data are for claimants in the week including the 19th of the month and are not seasonally adjusted. The data on characteristics of the insured unemployed under the Regular State UI Program are based on a sample of all insured unemployed. Industry data are for selected categories and do not add to totals.

RESIDENTIAL CONSTRUCTION AUTHORIZED BY BUILDING PERMITS IN NEW JERSEY

	Dec 1981[1]	Nov 1981[2]	Year to Date[3]		
			1981	1980	%change
TOTAL DWELLING UNITS AUTHORIZED	1,551	1,066	18,831	20,068	- 6.2
Private Units	1,551	1,066	18,309	19,521	- 6.2
Single family	638	690	11,037	13,024	-15.3
Two-family	104	106	1,308	1,504	-13.0
Three-or-four family	17	22	340	287	+18.5
Five or more family	792	248	5,624	4,706	+19.5
Public Units	0	0	522	547	- 4.6
ESTIMATED VALUE OF RESIDENTIAL PERMITS	$104,557	$76,275	$1,203,869	$1,210,165	- 0.5
New Buildings	$ 85,444	$54,256	$ 903,655	$ 913,194	- 1.0
Additions and Alterations	$ 19,113	$22,019	$ 300,214	$ 296,971	+ 1.1

[1] Based on reports received from 462 of 567 municipalities
[2] Based on reports received from 447 of 567 municipalities
[3] Does not include any late reports
Source: N.J. Department of Labor and Industry

NEW JERSEY AGRICULTURAL INDICATORS

	CASH RECEIPTS FROM N.J. FARM MARKETINGS (millions)			INDEXES OF FARM PRICES RECEIVED BY N.J. FARMERS (1967 = 100)				
	Cumulative January-September			Jan 15 1982	Dec 15 1981	Jan 15 1981	% change	
	1981	1980	% change				month ago	year ago
ALL FARM PRODUCTS	347.5	328.6	+ 5.8	241	241	224	--	+ 7.6
Livestock products	101.5	89.4	+13.5	233	233	237	--	- 1.7
Poultry & eggs				207	210	212	-1.4	- 2.4
Dairy products				254	253	254	+0.4	--
Meat animals				222	219	241	+1.4	- 7.9
Crops	246.0	239.1	+ 2.9	246	246	215	--	+14.4
Fresh vegetables				317	317	237	--	+33.8
Processed vegetables				148	148	148	--	--
Potatoes & sweet potatoes				288	291	286	-1.0	+ 0.7
Fruits & berries				231	231	193	--	+19.7
Grains & hay				229	227	280	+0.9	-18.2
PRICES PAID BY U.S. FARMERS				153	150	147	+2.0	+ 4.1
RATIO OF PRICES RECEIVED BY N.J. FARMERS TO PRICES PAID BY U.S. FARMERS				78	79	75	-1.3	+ 4.0

SOURCE: New Jersey Crop Reporting Service

OFFICIAL BLS SAMPLE ESTIMATES STANDARD ERRORS AND COEFFICIENTS OF VARIATION (not seasonally adjusted)

		RESIDENT EMPLOYMENT (in thousands)			UNEMPLOYMENT (in thousands)			UNEMPLOYMENT RATE (percent of labor force)		
Year	Month	Estimate	Standard Error	Coefficient of Variation	Estimate	Standard Error	Coefficient of Variation	Estimate	Standard Error	Coefficient of Variation
1981	Jan	3,289	±54	1.6%	284	±24	8.5%	8.0%	±.7	8.8%
	Feb	3,254	±54	1.7%	270	±23	8.5%	7.7%	±.6	7.8%
	Mar	3,277	±54	1.6%	308	±25	8.1%	8.6%	±.7	8.1%
	Apr	3,294	±54	1.6%	268	±23	8.6%	7.5%	±.6	8.0%
	May	3,327	±54	1.6%	287	±24	8.4%	7.9%	±.6	7.6%
	Jun	3,343	±54	1.6%	269	±23	8.6%	7.4%	±.6	8.1%
	Jul	3,377	±54	1.6%	246	±22	8.9%	6.8%	±.6	8.8%
	Aug	3,322	±54	1.6%	235	±22	9.4%	6.6%	±.6	9.1%
	Sep	3,256	±54	1.7%	219	±21	9.6%	6.3%	±.6	9.5%
	Oct	3,337	±54	1.6%	229	±21	9.2%	6.4%	±.6	9.4%
	Nov	3,310	±54	1.6%	249	±22	8.8%	7.0%	±.6	8.6%
	Dec	3,258	±54	1.7%	258	±23	8.9%	7.3%	±.6	8.2%
1982	Jan	3,214	±54	1.7%	351	±26	7.4%	9.8%	±.7	7.1%

Data Notes

Standard errors can be used to construct confidence intervals around each sample estimate. A 68% confidence interval means that, if repeated samples were drawn from the same population, the interval of plus or minus one standard error around each sample estimate would contain, in 68% of the cases, the true value based on a complete census of the population.

The standard errors and coefficients of variation are developed on the basis of past observed variation in New Jersey's sample data. They cannot be applied to seasonally adjusted data because a source of variation, namely seasonal patterns, have already been eliminated by the seasonal adjustment procedure.

NEW JERSEY'S NONFARM PAYROLL WORKERS BY MAJOR INDUSTRIES, 1958-1981
(thousands)

Year	Total Nonfarm Payrolls	Manufac-turing	Nonmanu-facturing	Mining	Contract Construction	Transport. Comm., & Pub. Util.	Trade	Finance Insurance & Real Estate	Services	Government
1958	1,911.8	776.0	1,135.8	3.7	88.9	148.2	351.0	86.4	230.5	227.0
1959	1,970.9	801.9	1,169.0	3.6	96.3	147.0	360.3	86.7	241.6	233.5
1960	2,017.1	808.8	1,208.3	3.5	98.7	149.5	374.5	88.0	252.0	242.2
1961	2,033.6	791.5	1,242.0	3.4	100.0	150.1	380.1	90.6	264.2	253.6
1962	2,095.8	812.8	1,283.1	3.4	101.3	150.8	393.1	92.8	278.9	262.8
1963	2,129.4	809.4	1,320.0	3.5	101.2	151.9	405.3	94.5	291.5	272.1
1964	2,168.7	806.7	1,362.0	3.6	106.8	153.4	420.0	96.6	301.6	280.0
1965	2,259.0	837.5	1,421.6	3.5	110.6	157.0	438.5	98.6	315.6	295.4
1966	2,359.1	879.3	1,479.9	3.0	111.2	162.2	459.6	101.0	330.8	312.0
1967	2,421.5	882.8	1,538.8	2.8	112.2	166.3	472.0	104.7	351.6	329.2
1968	2,485.2	885.3	1,599.8	3.1	115.6	166.3	489.5	108.4	372.6	344.4
1969	2,569.6	892.5	1,677.1	3.3	118.1	176.2	514.9	111.3	393.2	360.1
1970	2,606.2	860.7	1,745.5	3.2	120.4	182.2	538.0	116.5	410.4	374.8
1971	2,607.6	818.3	1,789.4	3.0	117.6	181.1	558.3	120.4	421.0	388.0
1972	2,674.4	823.3	1,851.1	3.2	121.6	181.2	577.3	124.6	437.9	405.3
1973	2,760.8	842.6	1,918.2	3.3	126.8	186.4	596.9	131.0	456.8	417.1
1974	2,783.4	825.9	1,957.5	3.2	118.7	185.8	603.5	136.5	469.9	439.9
1975	2,699.9	747.9	1,952.0	2.8	99.2	174.3	599.3	135.2	471.1	470.2
1976	2,753.7	756.2	1,997.5	2.7	93.9	176.0	618.5	138.0	488.0	480.5
1977	2,836.9	767.3	2,069.6	2.9	94.5	178.2	637.3	142.9	509.8	504.0
1978	2,962.4	786.8	2,175.6	2.6	105.3	188.5	665.9	147.7	542.7	523.0
1979	3,027.4	799.1	2,228.2	2.6	113.7	190.4	678.6	153.6	572.5	516.7
1980	3,053.9	783.4	2,270.5	2.4	110.7	192.1	677.1	157.1	606.6	524.5
1981	3,087.4	775.4	2,312.0	2.3	111.5	190.5	683.2	158.3	646.1	520.1

	Durable Goods	Lumber & Wood*	Furniture & Fixtures*	Stone, Clay & Glass	Primary Metals	Fabricated Metals	Nonelectrical Mach.	Electrical Machinery	Transport. Equipment	Instruments*	Misc. Mfg.
1958	412.5	5.6	8.7	31.9	40.9	51.5	57.0	115.0	48.7	27.4	25.8
1959	431.1	5.9	9.2	33.1	41.7	54.3	57.8	121.4	50.5	30.2	27.0
1960	436.8	5.7	9.8	33.7	42.6	54.8	61.0	122.3	48.5	31.7	26.8
1961	421.9	5.6	9.0	34.4	40.7	54.2	57.3	119.5	41.7	31.9	27.6
1962	436.3	5.8	9.7	34.6	40.1	56.1	60.3	125.2	42.5	32.4	29.9
1963	426.0	5.7	8.9	34.9	38.6	55.7	60.1	121.7	39.0	32.9	28.7
1964	419.1	5.6	9.0	35.6	37.9	57.2	61.4	115.1	35.6	31.0	30.7
1965	438.7	5.6	9.4	36.9	39.8	60.8	65.4	118.4	36.8	32.7	32.9
1966	463.4	5.2	10.5	39.3	40.4	64.7	70.8	129.9	36.4	34.3	31.9
1967	464.6	5.0	11.0	39.1	38.6	66.2	75.0	131.1	32.0	36.5	30.0
1968	460.9	5.3	10.2	38.8	38.5	67.5	75.8	127.6	31.7	35.8	29.7
1969	463.3	5.2	11.0	40.9	39.4	69.8	76.2	124.5	31.4	34.7	30.2
1970	434.3	4.9	10.5	39.6	37.2	67.0	72.8	115.2	26.3	33.2	27.5
1971	404.6	4.5	10.6	39.0	33.3	62.9	66.3	104.6	25.2	32.4	25.6
1972	405.9	5.1	10.8	39.9	31.8	63.5	65.8	102.9	25.7	35.1	25.2
1973	420.5	5.3	10.6	40.8	32.0	66.2	72.1	108.1	25.3	34.4	25.9
1974	413.2	5.0	10.3	40.5	31.2	64.4	76.1	105.1	21.1	33.9	25.6
1975	363.0	4.6	8.9	36.0	26.1	58.1	68.4	88.1	19.3	31.2	22.4
1976	363.0	5.3	8.7	36.1	23.9	59.4	67.5	86.8	19.8	31.3	24.0
1977	370.0	5.8	8.9	35.1	23.0	61.1	71.0	87.9	20.7	32.0	24.5
1978	382.8	6.0	10.0	35.2	24.5	64.1	74.2	89.8	20.9	32.3	25.7
1979	395.9	6.7	10.3	35.3	25.5	64.5	76.4	92.9	21.6	35.6	27.1
1980	386.7	5.8	9.8	33.5	25.8	60.9	75.4	92.6	18.4	37.3	27.3
1981	382.0	5.5	9.7	32.4	25.8	59.3	73.3	92.4	17.2	37.6	23.8

	Nondurable Goods	Food	Tobacco	Textiles	Apparel	Paper	Printing & Publishing	Chemicals	Petroleum	Rubber & Plastics*	Leather
1958	363.6	62.9	1.9	33.0	76.7	28.0	30.3	80.8	12.2	26.6	11.1
1959	370.8	62.3	1.8	33.2	79.2	29.3	31.5	82.4	11.8	29.3	11.1
1960	372.0	62.9	1.7	31.4	77.7	28.0	32.3	86.4	11.5	29.2	11.0
1961	369.6	63.9	1.6	29.1	76.4	28.1	32.6	87.0	11.1	29.2	10.8
1962	376.5	64.2	1.5	28.6	75.8	29.7	33.0	91.0	10.7	30.7	11.5
1963	383.4	64.9	1.4	27.9	74.5	31.4	34.6	94.8	10.5	31.7	11.7
1964	387.6	65.0	1.5	27.8	74.6	31.5	35.8	96.4	9.7	34.2	11.2
1965	398.8	66.4	1.4	28.5	77.3	31.3	37.5	98.9	9.8	36.0	11.5
1966	415.9	67.2	0.8	29.6	80.3	33.0	39.6	105.5	10.5	37.2	12.2
1967	418.1	65.3	0.6	29.1	78.5	33.7	41.5	110.9	9.6	37.7	11.3
1968	424.5	64.5	0.3	30.5	78.7	34.3	42.2	113.1	9.7	39.9	11.5
1969	429.2	63.2	0.3	30.8	77.2	35.0	43.3	117.4	10.0	41.4	10.6
1970	426.4	63.5	0.3	29.6	72.3	35.3	44.8	120.9	10.1	40.0	9.6
1971	413.7	61.8	0.3	29.4	69.8	35.9	43.8	117.5	10.1	36.8	9.5
1972	417.4	59.8	0.3	30.5	68.9	35.9	46.0	119.3	10.6	37.2	8.9
1973	422.1	58.7	0.2	31.3	68.7	36.8	46.9	124.1	10.9	35.5	9.0
1974	412.7	56.7	0.2	28.8	63.1	35.4	47.8	126.6	11.8	34.0	8.4
1975	384.9	53.6	0.2	24.5	57.9	32.1	46.4	121.0	12.1	29.3	7.9
1976	393.2	52.7	0.2	23.9	61.1	33.2	47.4	122.4	11.9	32.0	8.3
1977	397.3	50.2	0.3	22.8	59.7	33.4	49.7	127.2	11.9	34.2	7.9
1978	404.0	49.9	0.5	22.4	59.3	33.7	51.7	130.0	11.9	37.3	7.3
1979	403.3	49.5	0.4	21.5	56.5	33.9	54.3	129.6	11.9	38.8	6.9
1980	396.7	49.8	0.4	20.4	55.3	32.2	55.0	127.9	12.1	37.6	6.1
1981	393.4	49.3	0.3	20.0	55.2	30.5	54.7	127.7	12.1	37.5	6.1

*Data from 1972 forward are not precisely comparable with earlier figures because of SIC revisions. The revisions caused noticeable changes between the original and revised 1972 averages such as lumber (+700), furniture (-500), rubber (+2,000), and instruments (+3,000).